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WATERER'S BULBS

Autumn, 1928



SIRENE TULIP. \$1 per doz., \$6.50 per 100, \$60 per 1,000. See page 9.

HOSEA WATERER, SEEDSMAN AND BULB IMPORTER
714 Chestnut Street PHILADELPHIA, PA.



BRONZE
QUEEN

FLAMINGO

FAUST

COLLECTION No. 1

The five varieties of Breeder, Cottage, and Darwin Tulips as illustrated include some of the choicest varieties for either garden display or cutting.

Bronze Queen. Golden bronze, extra-large. 28 in.

Flamingo. Flesh-pink, tinted rose. 30 in.

Faust. Purple-maroon. 26 in.

Moonlight. Light, soft yellow. 24 in.

Cardinal Manning. Rosy violet, edged bronze. 28 in.

5 bulbs of each	(25 bulbs)	.....	\$1 60
10 bulbs of each	(50 bulbs)	.....	3 00
25 bulbs of each	(125 bulbs)	.....	6 75
50 bulbs of each	(250 bulbs)	.....	13 25
100 bulbs of each	(500 bulbs)	.....	26 00

CARDINAL
MANNING

MOONLIGHT



Habe You Visited Our New Store?



PLEASE NOTE ADDRESS

IN presenting this Autumn Catalogue of 1928 to our customers, old and new, we wish to express again our gratification at the splendid support we have received on every hand in our endeavor to supply American gardens with plants, seeds and bulbs of highest quality.

We are glad to say that during the past season our old customers favored us with much new business, and we have made many new friends, whom we attribute in no small measure to the excellent recommendations which our established customers have given us.

We thank all of you very much and state once more that we constantly endeavor to merit our friends' confidence in every way. Our store is centrally located in Philadelphia and we are always glad to have our friends come in and get acquainted.

THE ADDRESS IS 714 CHESTNUT STREET

In buying anything you are first interested in quality and then in price. We import a large number of Dutch Bulbs each year and through long experience have learned where best to buy the different sorts. In placing your requirements in our care, you can accordingly be assured of the quality of our Bulbs at reasonable prices. May we anticipate the privilege of supplying you with the Bulbs you will need this fall?

Suggestions and Information for Ordering

To enable us to execute orders more promptly and to the complete satisfaction of our customers, we offer the following suggestions and information:

Order Early.—We endeavor to ship all orders immediately on receipt, but during the rush season it is almost impossible, hence the importance of ordering early.

Name and Address.—Please write on each order your Name, Post Office, Shipping Point or nearest Express Office, your County and State. Use the order sheet enclosed in catalogue if possible.

Prices.—It is our endeavor to maintain the prices quoted in this catalogue throughout the season, but in the event of unforeseen circumstances arising, we reserve the right to change the price of any article (in this catalogue) without notice.

Non-Warranty.—Hosea Waterer gives no warranty, express or implied, and will not be in any way responsible for the results of planting or forcing of any bulbs and roots he sends out. No complaints are entertained unless made on receipt of goods, and we cannot take any responsibility as to their flowering, which greatly depends upon their treatment. Every precaution is taken to send nothing but well-matured bulbs, such as will under ordinary circumstances produce the very finest flowers and give the utmost satisfaction.

FORWARDING.—All Plants, Roots, and Bulbs are forwarded by Express (or Parcel Post when possible), purchaser paying charges, unless otherwise noted.

Parcel Post Rates

Weight Limit.—The weight limit within the First, Second, and Third Zones is now 70 pounds, and within all other Zones 50 pounds. Shipments of 20 pounds or over are cheaper if sent by express beyond the Second Zone.

DOMESTIC PARCEL POST RATES

Within the United States and Possessions

			First pound or fraction	Each additional pound or fraction
First	Zone within	50 miles of Philadelphia.....	7 cts.	1 ct.
Second	Zone within	50-150 miles of Philadelphia.....	7 cts.	1 ct.
Third	Zone within	150-300 miles of Philadelphia.....	8 cts.	2 cts.
Fourth	Zone within	300-600 miles of Philadelphia.....	9 cts.	4 cts.
Fifth	Zone within	600-1000 miles of Philadelphia.....	10 cts.	6 cts.
Sixth	Zone within	1000-1400 miles of Philadelphia.....	11 cts.	8 cts.
Seventh	Zone within	1400-1800 miles of Philadelphia.....	13 cts.	10 cts.
Eighth	Zone all over	1800 miles of Philadelphia.....	14 cts.	12 cts.

All goods sent by parcel post are at purchaser's risk, unless insured. Insurance is 5 cents for \$5 or less, 8 cents for \$5 to \$25, 10 cents for \$25 to \$50. This insures delivery only, but not damage to package.

Planting Table

The table below shows the number of bulbs required to fill a circular bed of the dimensions given.

Diameter of Bed	3 in. apart	4 in. apart	6 in. apart	8 in. apart	10 in. apart	12 in. apart
3 feet.....	125	95	36			
4 feet.....	220	125	60	36	24	20
5 feet.....	330	225	90	70	36	25
6 feet.....	470	270	125	80	50	36
7 feet.....	630	410	170	96	70	48
8 feet.....	820	470	220	125	85	60
9 feet.....	1025	650	270	156	110	75
10 feet.....	1260	720	330	190	125	90
11 feet.....	1520	940	395	240	150	110
12 feet.....	1800	1025	470	270	170	125
13 feet.....	2100	1280	540	320	200	150
14 feet.....	2435	1385	630	360	240	170
15 feet.....	2790	1670	720	420	270	200
16 feet.....	3170	1800	815	470	320	215
17 feet.....	3570	2140	920	545	360	240
18 feet.....	4035	2270	1025	590	390	270
19 feet.....	4485	2640	1140	630	420	320
20 feet.....	4960	2790	1260	720	470	330

A square bed will take about the same number of bulbs. For an oval bed add length and breadth and divide by 2. For example, an oval 7 feet long by 5 feet wide will require same number of plants as a circular bed 6 feet in diameter.

Please refer to our General Spring Catalogue for a complete list of the Flower and Vegetable Seeds, Garden Tools and Requisites, etc., which we can supply

HOSEA WATERER, Seedsman

BELL PHONE: WALNUT { 2112
2113

714 Chestnut Street, PHILADELPHIA, PA.

Dutch Hyacinths

For Winter Flowering in the House. One bulb to a 5-inch pot or four to five bulbs of one variety in an 8-inch bulb-pan will prove very effective. Between September and the end of November plant the bulbs in potting soil or prepared fiber so that the tops just show above the surface. After planting, the bulbs should be placed in a dark, cool, airy place for a period of eight weeks. This develops the roots. Keep moist but not sodden. After about eight weeks have elapsed and bulbs have made some top growth, the pots may be removed to the house. Keep away from cold window draughts and drying furnace heat. By taking the pots at intervals of ten days, a succession of bloom may be enjoyed throughout the winter.

For Growing in Glasses. Set the bulbs so that the lower end merely touches the water. Put away in a cool, airy, dark place till the roots have developed; then remove by degrees to full light and air. A piece of charcoal in the water will keep it sweet.

For Outdoor Growing. Set the bulbs 5 to 6 inches apart, and top of bulb 4 inches deep. The time to plant is between October and the last of November before ground is frozen.



Queen of the Pinks Hyacinths

Novelties in Exhibition Hyacinths

Duke of Westminster

Rich deep blue, with white center; very large truss.

King of Lilacs

True lilac; fine spikes thickly set with large bells.

Pride of Holland

Bright porcelain-blue; large pyramidal spike. Extra fine.

Prince Hendrick

Clear yellow. The best yellow for early forcing.

Purity

Exceptionally fine spike of purest white.

Any of the above, 50 cts. each, \$5.50 per doz.,
\$37.50 per 100

GIANT EXHIBITION BULBS

These are varieties selected for their large-sized spikes, elegance of form, and beauty and richness of color. The bulbs are of mammoth size—the cream of the crop—and naturally command advanced prices. We offer this grade only in limited quantities and request early orders for them.

Price, any of the following varieties, 40 cts. each, \$4 per doz., \$27.50 per 100

SINGLE RED, ROSE, AND PINK

GENERAL DE WET. A fine light pink; large truss.
GERTRUDE. Deep rose-pink; large, compact truss.
LADY DERBY. Rose-pink; large, compact spike.
LA VICTOIRE. Carmine-rose; large, perfect spike.
MARCONI. Deep rose; extra-large, compact truss.
QUEEN OF THE PINKS. Brilliant, clear, bright pink; large, compact spike.

SINGLE YELLOW

CITY OF HAARLEM. Golden yellow; large, well-formed truss.
YELLOW HAMMER. Pure yellow; very fine truss.

SINGLE BLUE

CAPTAIN BOYTON. Sky-blue; immense truss.
CZAR PETER. Light porcelain-blue and lavender; very fine, large truss.
ENCHANTRESS. Clear porcelain-blue; splendid spike.
GRAND MAITRE. Deep lavender-blue, with darker blue shading; large truss.

Single Blue, continued

KING OF THE BLUES. Clear dark blue; large bells and splendid spike.
LORD BALFOUR. Distinct violet; large spike.
QUEEN OF THE BLUES. Clear, light porcelain-blue; extra fine.
SCHOTEL. Light blue; perfect truss. Good forcer.

SINGLE WHITE

LA FRANCHISE. Waxy white; very large bells.
LA GRANDESSE. Pure white; immense bells and truss.
L'INNOCENCE. Pure white; extra fine; large truss.
MME. KRUGER. Pure white; good truss; extra early.
QUEEN OF THE WHITES. A pure white sport of Queen of the Blues; large trusses on strong stems.

Glasses for Growing Hyacinths

We can supply two styles of these glasses

Tall and Low in assorted colors. 35 cts. each, \$3.50 per doz.

These cannot be sent by parcel post

If to be sent by parcel post, add postage at your zone rate. One dozen bulbs weigh 4 pounds

EXTRA-SELECTED FIRST-SIZE HYACINTHS

First-size Hyacinth bulbs are suitable for both indoor and outdoor culture, being used almost exclusively for growing in pots and pans, as they force easily and bear large, well-developed trusses.

If to be sent by parcel post, add postage at your zone rate. One dozen bulbs weigh 3 pounds. See page 3 for postal rates

Price, any of the following, 35 cts. each, \$3.50 per doz., \$23 per 100, postage extra

SINGLE RED, ROSE, AND PINK

GENERAL DE WET. A fine light pink; large truss.

GERTRUDE. Deep rose-pink; compact spikes on good stems. A very popular forcing variety, also used for bedding.

GIGANTEA. One of the best blush-pink varieties; very large truss of closely set bells.

LADY DERBY. Beautiful, clear rose-pink, with large, compact trusses. Early and fine for both forcing and bedding.

LA VICTOIRE. Shiny carmine-rose, with large, well-filled spikes. A splendid bedding variety.

MARCONI. Bright deep rose; short, broad trusses, borne on stiff stems. A good forcer but particularly fine outdoors.

MORENO. A beautiful lively pink; very large truss and bell. Splendid for pots.

QUEEN OF THE PINKS. A very lovely pink; trusses broad and large, with good-sized bells and strong stems.

ROI DES BELGES. Brilliant crimson-scarlet. A grand bedder.

SINGLE BLUE AND PURPLE

CAPTAIN BOYTON. Dark sky-blue; large bells and very fine well-filled spike.

CZAR PETER. Light lavender-blue; splendid spike. One of the finest for forcing.

DR. LIEBER. Very early lavender-blue, tinged violet; large truss. Extra fine.

ENCHANTRESS. Clear porcelain-blue; beautiful long spikes on strong stems. An excellent pot Hyacinth and the best light blue bedding variety.

GRAND MAITRE. Deep lavender-blue with long, compact spikes of large bells on strong stems. One of the most popular blues. Fine for pots as well as bedding.

KING OF THE BLUES. Dark violet-blue; splendid, large trusses. One of the best-known blue Hyacinths. Good for late forcing and bedding.

LORD BALFOUR. Distinct violet; large spike.

QUEEN OF THE BLUES. Clear, light porcelain-blue; a strong-growing variety with large, well-formed trusses. One of the best of its color, particularly for bedding.

SCHOTEL. Light blue; perfect truss. Good forcer.

SINGLE WHITE

ARENTE ARENSEN. One of the finest whites; long spikes with large, snowy white bells. Early, fine for forcing, and a good bedder.

CORREGGIO. Pure white with long, well-filled trusses of large, substantial bells.

LA GRANDESSE. Pure white with fine, compact spikes. The best late forcing variety and fine for bedding as well.

LA FRANCHISE. Waxy white; very large bells.

L'INNOCENCE. This is the most satisfactory all-round pure white; compact spikes with large bells. Does well indoors and out.

MME. KRUGER. Pure white; large bells and spike. Early and excellent for forcing and bedding.

QUEEN OF THE WHITES. A pure white sport of Queen of the Blues. Large trusses on strong stems. Early and a splendid forcer.

SINGLE YELLOW

CITY OF HAARLEM. Golden yellow; large, well-formed truss.

YELLOW HAMMER. The best-known and most popular yellow for forcing. Fine, compact trusses with medium-sized bells.

DOUBLE HYACINTHS

Extra-Selected, First-Size Bulbs

While Double-flowering Hyacinths do not, as a rule, produce so fine spikes as the single sorts offered on this page, yet they are exceedingly handsome and deserve extensive cultivation. The varieties listed below are those which we have found by actual tests to be the most satisfactory.

Any of the following, 35 cts. each, \$3.50 per doz., \$23 per 100, postage extra

DOUBLE PINK AND ROSE

CHESTNUT BLOSSOM. Light pink; extra-large spike.

PRESIDENT ROOSEVELT. Deep rose; large spike.

DOUBLE WHITE

LA GRANDESSE. The best double pure white.

PRINCE OF WATERLOO. Pure white; large spike of large bells with slightly rose center.

DOUBLE BLUE

GENERAL KOHLER. Bright blue. One of the best.

VAN SPEYK. Light blue; compact spike; very large bells.

DOUBLE YELLOW

SUNFLOWER. Considered the finest double pure yellow.



Bed of Extra-selected First-size Hyacinths



Pot of Miniature or Dutch Roman Hyacinths

SECOND SIZE, OR NAMED BEDDING HYACINTHS

These are smaller than our extra-selected first-size bulbs but are fine flowering stock and admirably adapted for pot-culture, also for high-grade bedding where distinct shades of color are desired.

If to be sent by Parcel Post, add postage at your zone rate. One dozen bulbs weigh 2 pounds

SINGLE RED AND ROSE

GENERAL DE WET. Light pink. **LA VICTOIRE.** Carmine-rose.
GERTRUDE. Deep rose-pink. **ROI DES BELGES.** Brilliant crimson-scarlet.

SINGLE WHITE

GENERAL VETTER. A bluish-white. **L'INNOCENCE.** Pure white.
LA GRANDESSE. Pure white. **QUEEN OF WHITES.** Pure white sport of Queen of the Blues. Fine bedder.

SINGLE BLUE

GRAND MAITRE. Deep lavender-blue.
KING OF THE BLUES. Dark blue.
QUEEN OF THE BLUES. Light porcelain-blue.

SINGLE YELLOW

YELLOW HAMMER. Pure yellow.

Price, any of the above, 30 cts. each, \$2.75 per doz., \$18.50 per 100

SPECIAL UNNAMED HYACINTHS

For Bedding or Pot-Culture

These are much used for outdoor bedding, but can also be utilized for pot-culture, giving excellent results. We offer only the best grade of stock, true to color, and well-ripened bulbs.

If to be sent by Parcel Post, add postage at your zone rate. One dozen bulbs weigh 2 pounds; 100 bulbs, 16 pounds (packed weight).

Red Shades
Rose and Pink Shades
Pure White
Light Blue Shades
Dark Blue Shades
Yellow Shades
All Colors, Mixed

Any of the above Unnamed Hyacinths at 20 cts. each, \$2 per doz., \$14 per 100

MINIATURE OR DUTCH ROMAN HYACINTHS

These are small, single-flowering Dutch Hyacinths and quite distinct from the French Romans. Excellent for growing in pots, pans, or boxes, blooming early and freely. They may be planted close together with charming effect.

CARDINAL MANNING. Bright red, long truss.

GERTRUDE. Dark pink.

GIGANTEA. Light rose.

GRAND MAITRE. Lavender-blue.

LA GRANDESSE. Pure white.

L'INNOCENCE. Pure white.

KING OF THE BLUES. Deep blue.

NIMROD. Deep rose. The earliest of all pink Hyacinths.

QUEEN OF THE BLUES. Clear light porcelain-blue.

YELLOW HAMMER. Yellow.

Any of the above Miniature Named Hyacinths, 15 cts. each, \$1.50 per doz., \$11 per 100

EARLY FRENCH ROMAN HYACINTHS

The flowers are delightfully fragrant, and each bulb will throw up three to four spikes. For forcing, three or four bulbs are generally planted in a 5-inch pot in September, in good soil or fiber. The pots must be kept in a cool and dark place until they fill with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early, and by making successive plantings they may be had in flower all through the winter.

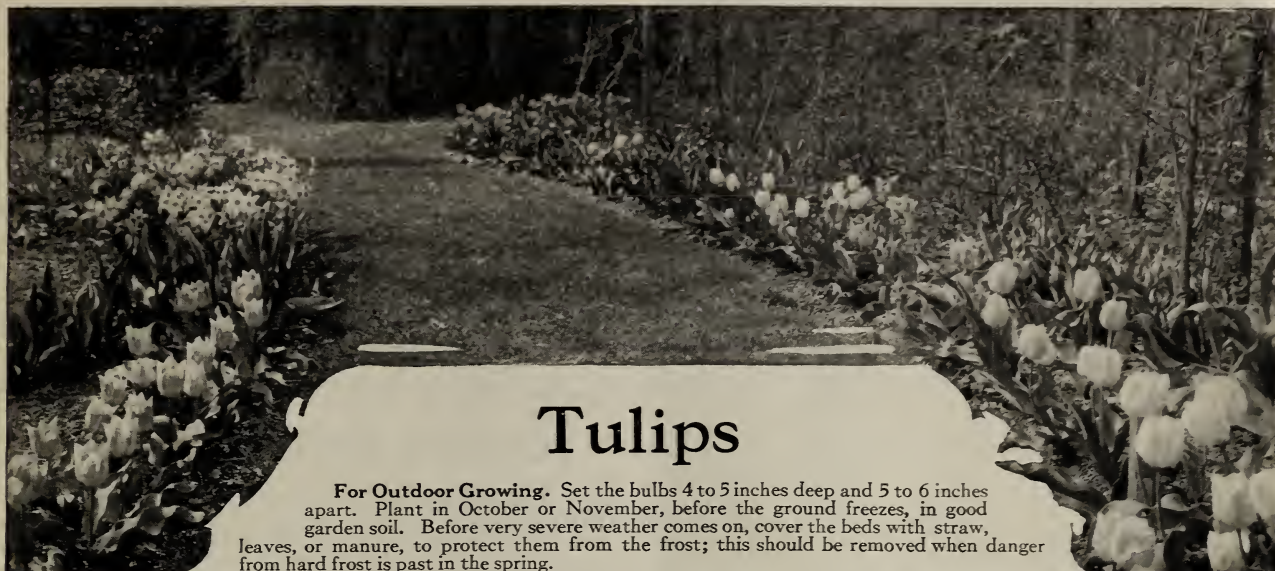
	Doz.	100
Pure White. Mammoth bulbs, XXX.....	\$1 90	\$13 50
Pure White. Extra-selected bulbs, XXXX.....	2 75	19 00

Prepared Holland Bulb Fiber

This fiber is an ideal medium in which to grow bulbs. It is clean and free from odor and contains sufficient plant-food for the bulbs until after they have bloomed. Bulb Fiber is used in the same way as potting soil, except that it should not be packed down firmly in the pots. By using it, bulbs may be grown in any sort of ornamental bowl or receptacle as no drainage is required. Keep the fiber moist, but not sodden or wet. Qt. 15 cts., 1/2pk. 45 cts., pk. 75 cts., 1/2bus. \$1.25, bus. \$2. If to be sent by parcel post, add postage at your zone rate—one peck weighs 4 pounds.



French Roman Hyacinths



Tulips

For Outdoor Growing. Set the bulbs 4 to 5 inches deep and 5 to 6 inches apart. Plant in October or November, before the ground freezes, in good garden soil. Before very severe weather comes on, cover the beds with straw, leaves, or manure, to protect them from the frost; this should be removed when danger from hard frost is past in the spring.

For Pot-Culture. Use a good potting soil or fiber and set the bulbs so that the tops just show above the surface. The time to pot the bulbs is between September and the last of November. Use three or four bulbs to a 5-inch pot; six or seven to a 7-inch bulb-pan, or ten bulbs to an 8-inch bulb-pan. Keep pots in a dark, cool, airy place until roots have developed and top-growth has started; then the bulbs can be placed in the light. We send out Tulip bulbs of selected quality only. The height in inches follows the name of the variety.

SINGLE EARLY TULIPS

These Tulips are the earliest of all to flower and are of value for early bedding in the garden. As soon as they are through blooming, the bulbs can be lifted in time to use the beds for summer bedding plants. They are the easiest of all to force and the earliest.

Novelties in Single Early Tulips

Cramoisi Royal

Satiny rose—distinct shade. Large flowers borne on tall stems. An excellent forcer. Height, 14 inches. \$1.50 per doz., \$10 per 100, \$95 per 1,000.

Diadem

A very large flower and an unusual color in early Tulips, opening soft pale old-rose changing to salmon-pink, shaded pale rose as the flower ages, with inside deeper; white base starred yellow. Height 16 inches. \$8.50 per doz., \$60 per 100.

Enchantress

A large wine-red flower edged pale buff. Very beautiful and novel variety good for either forcing or bedding. Height, 10 inches. \$1.15 per doz., \$8 per 100, \$75 per 1,000.

Moonbeam

A great improvement over Primrose Queen. Color a deep primrose-yellow, shading to a soft canary at edges. Very large, graceful flower. Height, 14 inches. \$1.80 per doz., \$12.50 per 100.

If wanted by parcel post add postage at your zone rate (see page 3). One dozen bulbs weigh 1 pound; 100 bulbs, 8 pounds

	Doz.	100	1,000
Albion (White Hawk). 13 in. One of the best white Tulips.....	\$0 80	\$5 50	\$50 00
Belle Alliance. 12 in. Brilliant scarlet; large flower; excellent for forcing and bedding.....	80	5 50	50 00
Brilliant Star. 12 in. Brilliant vermilion-scarlet. Best scarlet for early forcing.....	90	6 50	60 00
Chrysolora. 12 in. Pure golden yellow. A good bedder.....	90	6 50	60 00
Cottage Maid. 11 in. Lovely rose-pink shaded with white. Excellent for forcing and for bedding.....	85	6 00	55 00
Couleur Cardinal. 13 in. Brilliant crimson. Splendid sort for forcing and for bedding.....	90	6 50	60 00
De Wet (Fireglow). 16 in. A very handsome golden flower, having a flush of fiery orange-scarlet. It is very distinctive and is a true orange color when forced.....	2 25	15 00	
Fred Moore. 15 in. Orange-yellow; sweet scented. Very handsome and early forcer. Very effective for bedding.....	75	5 00	45 00
Ibis. 13 in. This large Tulip is a very beautiful deep brilliant pink. A superb variety for forcing and a good bedder.....	1 15	8 00	75 00

	Doz.	100	1,000
Joost Van Vondel, White. (True). 11 in. One of the largest and most beautiful pure white sort....	\$1 10	\$7 50	\$70 00
Keizerkroon. 16 in. Crimson-scarlet, bordered with clear yellow; large and very beautiful. Mother bulbs....	1 20	8 50	80 00
Max Havelaar. 13 in. Blood-orange, flushed salmon-rose; when forced the color becomes a beautiful cherry-red.....	1 15	8 00	75 00
Mon Tresor. 12 in. Rich golden yellow; large and perfect form.....	1 15	8 00	75 00
Ophir d'Or. 12 in. Golden yellow; large flower; grand bedder.....	1 10	7 50	70 00
Pink Beauty. 13 in. A large and lovely Tulip; glowing rose-pink, outer petals flushed with white.....	1 75	12 00	
President Lincoln (Queen of the Violets). 12 in. Clear magenta-violet; large flower. Very effective when grown beside a light yellow Tulip. Fine for beds, and a splendid forcing sort....	1 00	6 75	62 50
Prince of Austria. 14 in. Fine orange-red; sweet scented. One of the best forcers and a splendid bedder.	75	5 00	45 00
Proserpine. 14 in. Brilliant carmine-rose; very large flower. Mother bulbs.....	1 00	7 00	65 00



Double Early Tulips

Novelties in Double Tulips

Electra

Magnificent, enormous flower of beautiful rose color, feathered violet. Unexcelled for forcing or bedding. Height, 13 inches. \$1.75 per doz., \$12 per 100.

Epicure

Orange-brown, shaded and suffused old-gold—resembling the color of the Breeder type. A very large flower and a late bloomer. Height, 15 inches. \$3.75 per doz., \$25 per 100.

Orange Globe

A distinct color in Double Tulips, being a clear orange. A sport from Couronne d'Or. Height, 13 inches. \$2.25 per doz., \$15 per 100.

Prince of Orange

An especially fine Tulip for outdoors or forcing. The flowers are light yellow, broadly edged fiery orange; when fully open, clear orange-yellow with yellow base. Height, 12 inches. \$1.50 per doz., \$10 per 100.

Single Early Tulips, continued

	16 in. Golden yellow; very large flower on a tall stem....	100	1,000
Rising Sun.	11 in. Beautiful deep rose; large perfect flower. Fine for forcing or bedding....	\$1 10	\$7 50 \$70 00
Rose Luisante.	12 in. Deep violet-purple; handsome, large flower of splendid shape. A wonderful color out-doors	85	6 00 55 00
Van Der Neer.	13 in. Brilliant vermilion-scarlet. The most popular one of its color; large flower; very early.....	1 20	8 50 80 00
Vermilion Brilliant.	13 in. A pure white sport of Pink Beauty; large....	85	6 00 55 00
White Beauty.	13 in. Bright yellow; sweet scented. Excellent for forcing and bedding.....	1 85	13 00
Yellow Prince.	Containing many varieties.....	85	6 00 55 00
Superfine Mixture.		50	3 50 30 00

DOUBLE EARLY TULIPS

The culture of the double varieties is just as easy as that of the singles. Planted in pans, they make attractive winter-bloomers, and last even longer than the single varieties. Placed in the open border they come into bloom slightly later and make an attractive display.

	12 in. Crimson-red, shaded deep salmon; beautiful well-shaped flowers. Good for forcing or outdoors.....	100	1,000
Aurora.	12 in. Beautiful deep rose, flushed salmon. Recommended for forcing.	\$2 25	\$15 00
Azalea.	13 in. Large, very double, rich golden yellow flower, shaded orange.....	90	6 50 \$60 00
Crown of Gold.	14 in. Brilliant scarlet. Fine for forcing and one of the grandest for bedding..	90	6 50 60 00
Imperator Rubrorum.	13 in. A yellow sport of Murillo with all its superb qualities. One of the very finest of the primrose-yellow double Tulips.....	1 00	7 00 65 00
Mr. Van der Hoef.	12 in. Delicate rose-pink, flushed white. Fine for bedding, and excellent for forcing.....	1 10	7 50 70 00
Murillo.	12 in. Very large flower of fine apricot color, flushed orange-pink. Good forcer....	65	4 00 35 00
Mystery of India.	12 in. Bright rose-pink, flushed white, deepening with age to carmine-rose; large. A sport of Murillo. Excellent for pots.....	1 20	8 50 80 00
Peach Blossom.	14 in. Beautiful deep rose-pink; fine large flower. Excellent for forcing.....	1 00	7 00 65 00
Queen of the Pinks.	12 in. Snow-white sport of Murillo. Finest white.....	1 00	7 00 65 00
Schoonoord.	12 in. Soft pale yellow, shaded apricot.....	85	6 00 55 00
Tea Rose (Safrano).	13 in. Reddish bronze and orange. Very handsome.....	75	5 00 45 00
Toreador.	All colors	1 50	10 00 95 00
Superfine Mixture.		60	4 00 35 00

PARROT TULIPS

This class of Late-flowering Single Tulips is very suitable for cutting purposes. The flowers, quaintly shaped and borne on long stems, remain in good condition for a long time after being cut. Parrot Tulips are large, of striking colors, growing 14 to 15 inches high.

Fantasy.

A wonderful Tulip. Clear rose-pink with apple-green marks and spots on outer sides of petals; base white, with black anthers. A Parrot form of the well-known Darwin, Clara Butt, of which it is a sport. The large, erect flowers are borne on a stiff stem. Height, 24 inches. We are pleased, owing to the increased stock of this beautiful novelty, to offer it this year at the following prices. 85 cts. each, \$9 per doz., \$70 per 100.

	Doz.	100
ADMIRAL OF CONSTANTINOPLE. Dark red, shaded and tipped orange...	\$0 70	\$4 50
CRAMOISI BRILLANT. Brilliant crimson.....	70	4 50
LUTEA MAJOR. Yellow, striped crimson and green	70	4 50
MARKGRAAF VAN BADEN. Golden inside, feathered brilliant scarlet; purple and green outside	70	4 50
PERFECTA. Yellow, scarlet, and green.....	70	4 50
FINEST MIXED. All colors	60	4 00



Parrot Tulip

COTTAGE TULIPS

(May-flowering)

We have made a selection of the most desirable varieties in this class, and they deserve a place in every garden. Some of the most delicate shades are found in this family of Late-flowering Tulips, as well as some of the most brilliant. All are long and stiff-stemmed, and are admirably adapted for cutting purposes.

Novelties in Cottage Tulips

Dido

Truly a wonderful Tulip. The perfect flower is borne on strong, straight stem, and its color is a rich orange-rose, margined bright orange-yellow with inside bright orange and yellow base—most unusual and magnificent. Sweet scented. Height, 30 inches. \$4.25 per doz., \$30 per 100.

Kingfisher

Quaint combination of creamy yellow and browning violet; large flower on strong, straight stem. Height, 18 inches. \$3.75 per doz., \$25 per 100.

Marvel

Inside old-gold, outside salmon-rose, edged yellow; sweet scented. A very attractive Tulip. Height, 26 inches. \$1.50 per doz., \$10 per 100, \$95 per 1,000.

Nectar

A very effective Tulip of glorious fiery crimson, with pure white base and slightly reflexed petals. A splendid forcer. Height, 24 inches. \$1.50 per doz., \$10 per 100, \$95 per 1,000.

Orient

Large, bold flower of remarkable color—bright rosy carmine with orange-red edges; inside salmon; black anthers. Height 32 inches. \$3.75 per doz., \$25 per 100.

Quaintness

A large, handsome flower of golden brown, flushed on center of petals with dull old-rose; inside golden brown, deepening to mahogany-brown at the yellow base—a unique color for a Cottage Tulip. Height, 24 inches. \$3.75 per doz., \$25 per 100.

Sirene

A lovely lily-flowering type, not only on account of its cerise-pink color with white base, but because of the beautiful urn-shaped flowers. Height, 26 inches. \$1 per doz., \$6.50 per 100, \$60 per 1,000.

Vesta

Long-stemmed variety with bold, more or less Darwin-shaped flower of purest white, with black filaments. Splendid for early forcing. The outstanding white Tulip in this class. Height, 28 inches. \$1.60 per doz., \$10.50 per 100.



Planting of Cottage Tulips

Cottage Tulips, continued

	21 in. Brilliant orange-red. A new Tulip of great beauty.	100	1,000
Grenadier.	Flowers long, borne on very graceful stems.	\$0 80	\$5 50 \$50 00
Hammer Hales.	24 in. Golden brown, suffused with old rose; inside apricot with yellow edge.	85	6 00 55 00
Inglescombe Pink.	25 in. Beautiful long rose-pink. flowers of bright	65	4 00 35 00
Inglescombe Yellow.	23 in. A large globular, rich yellow flower.	65	4 00 35 00
John Ruskin.	18 in. Deep rose-salmon, edged pale yellow; inside lilac, suffused with soft rose and yellow margin.	75	5 00 45 00
La Merveille.	20 in. Salmon-rose, shaded orange-red; fragrant.	65	4 00 35 00
Le Reve (Hobbema).	13 in. Salmon-pink with lilac shade. Beautiful.	85	6 00 55 00
Moonlight.	24 in. Enormous light soft yellow flower.	75	5 00 45 00
Mrs. Moon.	25 in. A magnificent and immense rich orange-yellow.	1 00	7 00 65 00
Orange Beauty.	20 in. Enormous brilliant orange-red flower.	70	4 50 40 00
Picotee (Maiden's Blush).	24 in. White, penciled and margined with pink.	65	4 00 35 00
Retroflexa.	17 in. Splendid yellow flower, with elegantly recurved petals.	1 00	7 00 65 00
Royal White.	16 in. Large long flower of white touched with primrose through the outside center of petals.	90	6 50 60 00
The Fawn.	20 in. A unique shade of fawn tinged with silvery dove-gray.	65	4 00 35 00
Vitellina.	20 in. A sweet-scented creamy flower of large size, with fragrance like that of the orange.	75	5 00 45 00
Walter T. Ware.	18 in. The deepest and richest of all the yellow Cottage Tulips. A remarkably beautiful flower of great substance.	1 75	12 50
Extra-Fine Mixed.	All colors.	50	3 50 30 00

Ambrosia.	Large bronzy flower with lilac-rose on outside; inside salmon-orange. Forces well. Height, 28 inches.	Doz. 50	100 17 50	1,000
Argo.	22 in. Round flower, on strong stem; yellow, mottled red and passing off to reddish brown; delicate bronze-salmon when forced.	1 75	12 00	
Avis Kennicott.	23 in. Very large, chrome-yellow flower with striking black base and anthers.	1 75	12 00	
Bouton d'Or (Ida).	20 in. Pure deep yellow; large, globe-shaped flowers.	70	4 50 \$40 00	
Blue Flag (Double).	16 in. Soft violet-purple. A magnificent flower of great beauty and size.	1 10	7 50 70 00	
Ellen Willmott.	25 in. Soft creamy yellow.	65	4 00 35 00	
Fairy Queen.	25 in. Large flower. Rosy heliotrope, margined with yellow.	70	4 50 40 00	
Gesneriana Lutea.	26 in. Immense golden yellow.	65	4 00 35 00	
Gesneriana Major.	26 in. Very large brilliant scarlet flowers, with blue-black center.	65	4 00 35 00	
Golden Spire.	18 in. Enormous deep golden yellow flower, edged with orange-scarlet.	1 15	8 00 75 00	



Planting of Darwin Tulips

DARWIN TULIPS (May-flowering)

For the borders, among other hardy flowers, for isolated grouping against a background of shrubs, or for combinations of delicate colors for effects of contrast in the flower garden, the Darwins are matchless. They flower about the middle of May, a time in which the spring flowers are over and the summer flowers have not yet come in. They last a very long time when cut.

Novelties in Darwin Tulips

Bene Est

Flower a delicate tint of pure creamy yellow—quite a new and distinct shade in the Darwins. Height, 32 inches. \$1.25 each, \$12 per doz.

Bleu Celeste

Bright violet-purple; inside darker; white base and blue halo. A handsome Tulip of large size and shapely form. One of the best for late forcing. Height, 30 inches. \$4.25 per doz., \$30 per 100.

Duchess of Hohenberg

A magnificent very large flower of perfect form borne on a stiff stem. Color pale slaty lilac-mauve, with a stripe of rosy heliotrope; inside pale lilac with white base. Height, 28 inches. \$2.50 per doz., \$17.50 per 100.

Giant

Very handsome flower of enormous size borne on tall, sturdy stem. Color dark reddish purple shaded violet; white base and blue star. Height, 30 inches. \$1.25 per doz., \$9 per 100, \$85 per 1,000.

King George V

An immense flower of unusual substance, carried on a very strong stem. Color brilliant cherry-red; white base starred blue. Especially fine for show work as it forces beautifully. Height, 25 inches. \$2.25 per doz., \$15 per 100.

Prince of Wales

Enormous flower of bright rosy crimson with scarlet flush and blue base. Very fine forcer. Height, 28 inches. \$3 per doz., \$20 per 100.

Afterglow.	26 in. Deep rosy orange, with salmon shading at edges of petals; inside deep orange with yellowish base. A showy Tulip for outdoors.....	Doz.	100	1,000
Anton Mauve.	32 in. Enormous, cup-shaped flower of deep bluish lilac, lighter at edge.....	1 10	7 50	70 00
Aphrodite.	32 in. A very beautiful Darwin of clear silvery pink color, deeper inside. Very large flower on tall stem.....	2 25	15 00	
Ariadne.	28 in. A glowing rose-crimson shaded scarlet, blue base.....	80	5 50	50 00
Baronne de la Tonnaye.	30 in. A long beautiful flower; clear carmine-rose at the midrib, toning off to soft pink at the edges.....	65	4 00	35 00
Bartigon.	28 in. Large flowers of fiery crimson with white base.....	65	4 00	35 00

Bleu Aimable.	25 in. Pale lavender, with white base, starred blue; beautiful flower of distinct shape.....	Doz.	100	1,000
Centenaire.	30 in. Rich violet-rose with blue base. A magnificent flower for the border and good for forcing....	70	4 50	40 00
Clara Butt.	22 in. A large flower of remarkable beauty; an exquisite shade of soft salmon-pink shaded rose.....	65	4 00	35 00
City of Haarlem.	27 in. Largest, and easily the best bright red Darwin Tulip. Huge flowers on long, sturdy stems; glowing scarlet with slate-blue base.....	1 85	13 00	
Dream.	26 in. Large cup-shaped flower of heliotrope with silvery lilac margin; blue base.....	70	4 50	40 00



Dream



Clara
Butt



Mr.
Farncombe
Sanders



Dom
Pedro

COLLECTION No. 2

Four of the finest and most reliable Tulips. They may be planted separately or in two groups. The lovely shell-pink of Clara Butt blends beautifully with the rosy scarlet of Farncombe Sanders, and the delicate pale violet of Dream makes an exquisite contrast with the golden brown of Dom Pedro.

10 Bulbs of each (40 Bulbs in all)	\$2.40
25 Bulbs of each (100 Bulbs in all)	5.50
50 Bulbs of each (200 Bulbs in all)	10.50
100 Bulbs of each (400 Bulbs in all)	20.00



(1) Bicolor Victoria, (2) Emperor (3) Poeticus ornatus, (4) Sir Watkin, (5) King Alfred

COLLECTION OF DAFFODILS

A splendid assortment representing practically all the very distinct groups in the Narcissus family, from the long trumpets of Victoria and Emperor to the short-cupped Poeticus ornatus.

5 Bulbs of each (25 Bulbs in all)	\$4.00
10 Bulbs of each (50 Bulbs in all)	7.50
25 Bulbs of each (125 Bulbs in all)	16.50
50 Bulbs of each (250 Bulbs in all)	32.00

Darwin Tulips, continued

Edmee (Beauty). 25 in. Vivid cherry-rose, edged soft old rose—the brightest color in this type; large flower.....	Doz. 100	1,000
Faust. 30 in. Deep purple-maroon; large and brilliant....	\$0 75 1 00	\$5 00 7 00
Flamingo. 26 in. Lovely flesh-pink tinted rose, distinct color.....	80	5 50 50 00
Frans Hals. 29 in. Enormous violet-blue flower on a strong stem.....	90	6 50 60 00
Gretchen (Margaret). 22 in. Lovely globular flower of delicate blush and silvery pink.....	65	4 00 35 00
Harry Veitch. 23 in. Blood-red with brighter edge and blue base; very brilliant; medium-size.....	75	5 00 45 00
King Harold. 24 in. Intense ruby-crimson, center rich black; very tall and of fine form; new and stately variety; very distinct.....	75	5 00 45 00
La Fiancee. 30 in. Deep rose, shading to old-rose and delicate pink at edges; blue base. Handsome flower on straight, long stem.....	1 25	9 00 85 00
La Tristesse. 26 in. Bluish slate color, white base; very distinct.....	75	5 00 45 00
La Tulipe Noire (The Black Tulip). 26 in. The "blackest" of all Tulips; a large broad flower of glossy black.....	85	6 00 55 00
Le Notre. 26 in. Beautiful shade of bright pink; blue base, very large flower on a strong stem.....	75	5 00 45 00
Marconi. 27 in. Deep purple when the flower first opens, gradually changing to ashy purple as the flower ages; pure white base.....	80	5 50 50 00
Mme. Krelage. 28 in. A grand flower of purplish rose, broadly margined with blush-pink; white base.....	65	4 00 35 00
Mr. Farncombe Sanders. 30 in. Brilliant orange-scarlet; extra fine.....	65	4 00 35 00
Painted Lady. 26 in. One of the best of the white Darwins.....	70	4 50 40 00
Philippe de Comines. 26 in. Large, velvety dark purple flower on stiff stem.....	70	4 50 40 00
Pride of Haarlem. 28 in. Magnificent flower of immense size; coloring brilliant salmon-rose, shaded with scarlet; blue base.....	65	4 00 35 00
Princess Elizabeth. 26 in. A long rose-bud-shaped flower of the deepest pink on a stiff stem.....	70	4 50 40 00
Professor Rauwenhof. 28 in. Deep cherry-rose, with salmon glow inside; bright blue base; extra large. One of the finest for early forcing.....	65	4 00 35 00
Psyche. 26 in. A very large flower of rich rose color; inside shaded silvery rose; center pale blue.....	75	5 00 45 00
Rev. H. Ewbank. 20 in. A large, broad flower of silvery lavender, shading toward the center into bluish heliotrope.....	65	4 00 35 00
Ronald Gunn. 28 in. Velvety violet, edged lavender, with white base, the general effect being almost true blue.....	85	6 00 55 00
Sir Trevor Lawrence. 33 in. Violet-maroon, with flush of ashy purple; inside violet-maroon with white base; enormous cup-shaped flower on tall stem.....	1 25	9 00 85 00



Darwin Tulips

Suzon. 28 in. Center of petals buff-rose, shading to blush at the margin, with white base, delicately marked blue. 75 cts. per doz., \$5 per 100, \$45 per 1,000.

Valentin. 22 in. Heliotrope, shaded violet. Flowers beautifully shaped and carried on long stems. 85 cts. per doz., \$6 per 100, \$55 per 1,000.

White Queen. 24 in. Buds tinged with pink; mature flowers almost pure white. The best-known white Darwin for bedding and forcing. 70 cts. per doz., \$4.50 per 100, \$40 per 1,000.

William Copland. 25 in. Delicate lavender. The best early forcing variety. 75 cts. per doz., \$5 per 100, \$45 per 1,000.

William Pitt. 24 in. One of the largest and grandest of the Darwins. Brilliant carmine, center of petals overspread with dark red. 80 cts. per doz., \$5.50 per 100, \$50 per 1,000.

Yolande. 29 in. Soft cerise, tinted salmon; yellow base; large, beautiful flower. Very effective in the garden. \$2.75 per doz., \$19 per 100.

Giant Darwins Mixed. Selected from our stock of named varieties to form a well-balanced color combination. All are large-flowering, with good, strong stems. 75 cts. per doz., \$5 per 100, \$45 per 1,000.

Mixed Darwins. All colors. 50 cts. per doz., \$3.25 per 100, \$30 per 1,000.





Showing the long stems of Breeder Tulips

DUTCH BREEDER TULIPS (May-flowering)

Similar in habit to Darwins, and flower at the same time. Their chief characteristic is their immense blooms borne on strong, stiff stems, many of them longer than the Darwins. The revival of the taste for art colors has made these Tulips strong favorites with American enthusiasts, who find in their bronze, buff, and brown shades excellent material for contrasting with the light and bright colors of the Darwins.

Novelties in Breeders

Copernicus

A very handsome dark coppery bronze Tulip, flushed old-rose; interior warm brown with yellow base. Height, 27 inches. \$1.10 per doz., \$7.50 per 100, \$70 per 1,000.

Coridion

Clear yellow with stripe of lilac through center of petals—a very distinct color among the Breeders. Height, 24 inches. \$2.25 per doz., \$15 per 100.

Heloise

A large cup-shaped flower on stiff straight stem. Color deep cardinal-red, overlaid with mahogany. A glorious flower for outdoors. Height, 28 inches. \$2.25 per doz., \$15 per 100.

James Watt

Outside slaty purple; inside mahogany. Shaded purple on a lighter base. A Breeder of exquisite form and color. Height, 26 in. \$2.75 per doz., \$18 per 100.

Pink Pearl

A rather unusual color in the Breeder Tulips, being a lilac-pink with inside rose, shaded white. Magnificent flower on a good stem. Height, 27 inches. \$3.75 per doz., \$25 per 100.

Vulcain

Reddish apricot, with broad margin of buff-yellow; inside apricot-yellow; green base. Very beautiful when forced. Height, 25 inches. \$1.50 per doz., \$10 per 100, \$95 per 1,000.

Abd-el-Kader.	26 in. Dark copper- bronze, lighter border; very beautiful.....	Doz.	100	1,000
			\$1 75	\$12 00
Apricot.	25 in. Dull, bronzy buff, shaded deep apricot; base olive-green. A splendid border variety, frequently having an extra number of petals.....	1	10	7 50 \$70 00
Bacchus.	32 in. Dark violet-blue, the out- side of the petals having a darker bloom; base starred white. Quite the nearest approach to dark blue in late Tulips.....	1	50	10 00 95 00
Bronze Queen.	28 in. Soft golden bronze; large flower of sturdy habit. A very exquisite color when forced and splendid for the border.....	75	5 00	45 00
Cardinal Manning.	28 in. A splendid shade of rosy violet, with a slight edge of bronze; large-sized flower of fine form.....	85	6 00	55 00
Dom Pedro.	24 in. Coffee-brown with a narrow edge of golden brown; inside rich mahogany with olive base. Flowers large and fragrant.....	1	50	10 00 90 00
Godet Parfait.	30 in. Dark blue-purple, with white base and blue halo; very large flower of striking color....	1	20	8 50 80 00
Golden Bronze.	24 in. Old-gold, shaded bronze. A large, well- formed flower of attractive appearance....	85	6 00	55 00
Jaune d'Œuf (Sunrise).	26 in. Coppery yellow, with broad stripe of lilac; inside bronze-yellow with dark green center. A splendid variety for forcing and fine for borders.....	90	6 50	60 00

Klopstock.	26 in. Clear violet-blue, shaded lilac; large, long-shaped flower.....	Doz.	100	1,000
			\$1 20	\$8 50 \$80 00
Louis XIV.	32 in. An even tone of dark purple, with a broad margin of golden bronze. A very large flower of wonderful substance.....	1	20	8 50 80 00
Lucifer.	28 in. Rich rosy orange, edged orange-scarlet. A brilliant flower of majestic form, on a tall stem.....	3	00	20 00
Marie Louise.	24 in. A very richly colored flower—old-rose, flushed orange-salmon, edged bronzy orange; olive base.....	85	6 00	55 00
Panorama (Fairy).	26 in. One of the best flowers of large size; deep orange- red or terra-cotta shaded mahogany.....	75	5 00	45 00
Plutarchus.	26 in. Bronze, with dull lilac bloom, inside shaded terra- cotta, with olive-green base. Well-formed flower on strong stem. Very good forcer...	1	15	8 00 75 00
Prince of Orange.	25 in. Large, showy flowers; terra-cotta, edged orange with yellow base and black center.....	1	25	9 00 85 00
Velvet King (Dreadnought).	26 in. Im- mense flowers of rich, royal deep purple, held erect on tall, stout stiff stems and lasting in good condition for a long time.....	1	25	9 00 85 00
Yellow Perfection.	26 in. A large flower of remarkable beauty. Light bronze-yellow, edged golden yellow; interior bronzy brown; yellow base starred green.....	90	6 50	60 00
Mixed Breeders		65	4 00	35 00

REMBRANDT TULIPS

These Late or May-flowering Garden Tulips are in reality Darwin Tulips which have "broken" into permanent variegations—flowers of various rich colors are striped, blotched, and marked with different shades and colors.

BUTTERFLY. Soft lilac, with deep carmine stripe. \$1 per doz., \$6.50 per 100.

RED PRINCE. Fiery red flames on rosy ground. \$1 per doz., \$6.50 per 100.

CHOICE MIXED VARIETIES. 85 cts. per doz., \$6 per 100, \$55 per 1,000.

ROSE BYBLÆMEN TULIPS

Magnificent late May-flowering Garden Tulips, producing immense, perfectly formed flowers on tall stems; coloring, white ground with beautiful stripes and markings of crimson, pink, scarlet, and rose.

CHOICE MIXED ROSE BYBLÆMENS. 85 cts. per doz., \$5.50 per 100, \$50 per 1,000.

VIOLET BYBLÆMEN TULIPS

Large, late May-flowering Garden Tulips, blotched, striped, or feathered with blue, lilac, violet, purple, or black on white ground.

CHOICE MIXED VIOLET BYBLÆMENS. 85 cts. per doz., \$5.50 per 100, \$50 per 1,000.

SPECIES TULIPS

A race of small, dainty-flowered, dwarf-growing Tulips of western Europe and Asiatic origin. Rare and beautiful flowers for the rock-garden or for naturalizing in nooks and corners among the shrubbery or perennial border.

Clusiana. The "Little Lady" Tulip. A variety from Asia Minor. Outer petals cherry-red, inner petals white with violet. This variety may be used for late forcing or when planted outside should be planted 6 inches deep. Grows about 8 inches in height. 90 cts. per doz., \$6.50 per 100, \$60 per 1,000.

Eichleri. (Turkestan.) Large flowers of fiery crimson-scarlet with glimmering black center, marked with gold. Height, 11 inches. \$2.25 per doz., \$15 per 100.

Greigi. (Europe.) Glittering orange-scarlet, with black-blotched center. Foliage is spotted maroon. Likes a hot, dry situation with good drainage. Very scarce. Height, 10 inches. \$3.75 per doz., \$25 per 100.

Persica. (Persia.) Fragrant yellow flowers; outside bronze. Two or three blooms on a stem. Splendid for rockery. Height, 4 inches. \$2.25 per doz., \$15 per 100.



Species Tulip, Kaufmanniana

Species Tulips, continued

Kaufmanniana. (Turkestan.) Primrose-yellow with golden yellow center; outside pink. Flowers open wide on short stem. Splendid for naturalizing in shady places and fine for forcing. Height, 5 inches. \$3.75 per doz., \$25 per 100.

Sprengeri. (Armenia.) Large flowers of bright orange-scarlet. The latest to bloom and naturalizes readily. Height, 10 inches. \$3 per doz., \$20 per 100.

Sylvestris. (Europe.) Fragrant yellow flowers with bronze exterior, often two on a tall, slender stem. Very interesting. Height, 18 inches. \$2.25 per doz., \$15 per 100.



Border of Cottage Tulips



Narcissi for Naturalizing. An excellent mixture containing the best varieties of the following types: Barri, Leeds, Incomparabilis, Poeticus, Poetaz, and Trumpet which are suitable for naturalizing along the outside edges of the shrubbery border, along woodland walks, on the margins of lakes and streams, through the woodlands and meadows, or any nook or corner where they can be left undisturbed indefinitely. For larger blooms they should be dug up every three or four years, separated and replanted. \$7.50 per 100, \$70 per 1,000.

NARCISSI

No spring-blooming flowers are more deservedly popular than Narcissi, but because of Quarantine No. 37 the usual sources of supply in Europe have been cut off. We have succeeded in securing a sufficient quantity of the following varieties which have been grown in the United States, and offer them with the confidence that they will prove every bit as satisfactory as the bulbs heretofore obtained abroad.

Narcissi may be grown in the garden, or naturalized among perennials and shrubs. Once planted they increase in quantity and beauty from year to year.

LARGE TRUMPET NARCISSI

These are select varieties, suitable for garden culture or growing in pots.

Cervantes. A very early variety. Perianth clear sulphur; trumpet yellow and nicely frilled. \$2.25 per doz., \$16 per 100.

Emperor. Perianth deep primrose-yellow; trumpet rich yellow; a very large flower. Excellent for naturalizing or forcing.

	Doz.	100
Large Bulbs.....	\$1 75	\$12 00
Mammoth Bulbs.....	2 50	17 50

Empress. White perianth of great substance; trumpet rich chrome-yellow. Showy for border or naturalizing. Does equally well forced.

	Doz.	100
Large Bulbs.....	\$1 75	\$12 00
Mammoth Bulbs.....	2 50	17 50

Giant Princeps. One of the most popular; perianth sulphur-yellow; trumpet rich yellow. As a forcing variety it is superior in every way, and a fine sort for naturalizing. \$2.25 per doz., \$15 per 100.

Golden Spur. A very good variety, both perianth and trumpet being of a rich yellow color. It is of unusually robust habit and unsurpassed for garden, pots, or forcing.

	Doz.	100
Large Bulbs.....	\$1 75	\$12 00
Mammoth Bulbs.....	2 50	17 50

Glory of Sassenheim. Beautiful large bicolor. An enlarged Victoria. Very early forcer. \$2.50 per doz., \$17.50 per 100.

King Alfred. This is considered the largest and finest deep golden yellow Trumpet variety. A tall, strong grower, with magnificent frilled trumpet and large perianth, all of a uniform rich golden yellow.

Large Bulbs.....	Doz.	100
	\$3 00	\$20 00
Mammoth Bulbs.....	4 25	30 00

Olympia. This remarkably fine Daffodil might briefly be described as a greatly improved Emperor, being much larger and of a richer, deeper color. \$4.25 per doz., \$30 per 100.

Robert Sydenham. Sulphur-yellow, well-formed perianth; beautiful, large, yellow, wide-open trumpet, with a fine deeply frilled brim. A splendid exhibition variety for forcing after February 1. \$5.75 per doz., \$40 per 100.

Spring Glory. Clear white perianth with long petals of splendid form; long trumpet of deep yellow, well reflexing at the brim. \$3 per doz., \$20 per 100.

Sulphur Beauty. Sulphur-yellow trumpet; white perianth. Much better than Mme. de Graaff. A splendid variety for forcing as flowers face forward. \$3.75 per doz., \$25 per 100.

Treserve. One of the largest Daffodils. Large flowers of a beautiful light yellow color. Highly recommended for exhibition purposes. A valuable variety for forcing or planting out. \$5 per doz., \$35 per 100.

Van Waveren's Giant. This is the largest Narcissus in cultivation. Perianth soft primrose-yellow with an immense bright yellow trumpet fringed at the rim. Strong, vigorous grower, and just as satisfactory for growing in pots as in the garden. 50 cts. each, \$5 per doz., \$35 per 100.

Large Trumpet Narcissi, continued

Victoria. A Bicolor famous for its large and durable flowers which stand boldly erect; broad perianth of creamy white; large, broad, fluted trumpet of rich yellow.

	Doz.	100
Large Bulbs.....	\$1 75	\$12 00
Mammoth Bulbs.....	2 50	17 50

W. P. Milner. Miniature white trumpet and perianth. Splendid for rockeries or for forcing in small pans. \$2.25 per doz., \$15 per 100.

Giant Trumpets in Mixture. An excellent mixture of the large trumpet varieties suitable for naturalizing in the shrubbery border and woodlands. \$1.75 per doz., \$12 per 100, \$110 per 1,000.

MEDIUM TRUMPET NARCISSI

A beautiful class, with large, sweet-scented flowers borne upright on long and strong stems. The perianth is composed of large petals, and the cup is of medium length. The bulbs are hardy and if planted deep enough will withstand very severe winter weather. This type of Narcissi is extensively used for naturalizing among shrubbery. They are also very showy planted in beds and are easily grown in pots for winter and spring blooming.

Bernardino. (Incomparabilis.) Large, creamy perianth; cup widely expanded and frilled, stained deep orange and apricot. A truly superb variety. \$4.25 per doz., \$30 per 100.

Conspicuous. (Barri.) Large, soft yellow perianth; short cup, edged orange-scarlet. A popular and distinct variety. \$1.50 per doz., \$10 per 100.

Evangeline. (Leeds.) Pure white perianth; lemon-yellow cup. Large, beautiful flower. \$2.25 per doz., \$15 per 100.

Lucifer. (Incomparabilis.) A large-flowering variety with white perianth and cup of glowing red-orange; strong grower. \$1.85 per doz., \$13 per 100.

Mrs. Langtry. (Leeds.) A free-flowering variety with broad white perianth and white cup opening pale primrose. \$1.20 per doz., \$8.50 per 100.

Red Chief. (Barri.) White, bold, flat cup with broad band of bright crimson-scarlet. First-class exhibition variety. \$3.75 per doz., \$25 per 100.

Seagull. (Barri.) Large, spreading, pure white perianth; cup canary-yellow, edged apricot. \$3 per doz., \$20 per 100.

Sir Watkin. (Incomparabilis.) Primrose perianth; crown yellow, tinged bright orange. This is the largest and most popular of the short-cup Narcissi; perfectly hardy and recommended for growing in pots, beds, or borders. \$2.50 per doz., \$17 per 100.

Southern Gem. (Leeds.) Beautiful, pure white petals; large lemon-yellow crown. A splendid flower of rare symmetry. Forces well. \$2.25 per doz., \$15 per 100.

White Lady. (Leeds.) Virtually a white Sir Watkin. Large, broad, pure white perianth; bold frilled cup of pale citron passing to white. \$1.75 per doz., \$12 per 100.



Medium Trumpet Narcissi



Large Trumpet Narcissi

DOUBLE NARCISSI, OR DAFFODILS

The double varieties are particularly well adapted for winter forcing and keep a long time as cut-flowers. Grown in the open they are suited for planting in solid beds, or they may be naturalized either in the lawn, the meadow, or the woodland. A clump here and there in the perennial bed makes a very attractive showing.

Alba Plena Odorata. A sweet-scented, pure white variety called Double Poet's Narcissus. It flowers later than many of the other Daffodils, and is not desirable for forcing, but makes a handsome show bedded among perennial plants and shrubbery. \$1.75 per doz., \$12.50 per 100.

Incomparable, Double. The color is yellow and orange, and it makes an attractive cut bloom. Its greatest value is for outdoor planting, as it does not force so well. \$2.50 per doz., \$17 per 100.

Orange Phoenix. Eggs and Bacon. Beautiful double white flowers with orange center. Splendid for pot culture and cutting. \$2.50 per doz., \$17 per 100.

Primrose Phoenix. Large, rose-shaped, primrose-yellow flower on long stem. \$3.50 per doz., \$25 per 100.

Double Von Sion. The true "Double Yellow Daffodil." Rich golden yellow perianth and trumpet. This is the old favorite so highly prized in old-fashioned gardens.

	Doz.	100
First Size Bulbs.....	\$1 75	\$12 00
Mammoth Size Bulbs.....	2 25	16 00

NARCISSUS POETICUS

Poet's or Pheasants-Eye Narcissus

Old-fashioned favorite type; all have snowy white flowers, with yellow or lemon cups margined more or less deeply with red and with rich, spicy odor. Do well in the open border, or naturalized in grass, are perfectly hardy, and once planted take care of themselves.

Horace. Pure white perianth; conspicuous red eye. Free-flowering and strong-stemmed. A splendid forcing variety. \$3 per doz., \$20 per 100.

Ornatus. More symmetrical than the old Poeticus, and blooms much earlier; flowers large, pure white; cup margined with scarlet. \$1.65 per doz., \$11 per 100.

Recurvus. (The Old Pheasants-Eye). Pure white perianth; cup deep orange-red. Late bloomer. \$1.15 per doz., \$8 per 100.



Narcissus Poetaz

NARCISSUS POETAZ

You can grow the lovely Poetaz Narcissus out-of-doors without danger—perfectly hardy. Flowers are the shape of Poeticus varieties, with free-flowering habits of the Polyanthus. Several flowers in a cluster on one stem. Excellent for forcing, as well as the garden.

Early Perfection. New. The earliest of all. Can be forced to bloom in January. White with yellow cup. Three to four flowers on a stem. \$3.25 per doz., \$22.50 per 100.

Elvira. A large flower of remarkable substance; perianth pure white with a yellow eye; three or four flowers on a stem. Splendid for pots, pans, or garden culture. \$2.25 per doz., \$15 per 100.

Helios. Creamy yellow; pure yellow cup. Good forcer. \$2.25 per doz., \$15 per 100.

Laurens Koster. Perianth pure white, with delicate orange cup. Splendid for bedding. \$2.25 per doz., \$15 per 100.

Orange Cup. Creamy white; conspicuous orange cups—a most delightful color combination. There are six to eight florets per stem and usually two stems per bulb. \$3.75 per doz., \$25 per 100.

CHINESE SACRED NARCISSI

If to be sent by parcel post, add postage at your zone rate—one dozen bulbs weigh 5 pounds

Flowers in clusters very similar to those of the Paper-White Narcissus, but the cups within the petals are yellow. Planted in pots or bowls, in soil or in water with pebbles, they bloom in from six to eight weeks. Plant bulbs at intervals of ten days up to Christmas.

MAMMOTH BULBS. 30 cts. each, \$3 per doz., \$20 per 100.

"You can have bulbs in bloom throughout the entire year"

A New Book

THE BOOK OF BULBS

By F. F. ROCKWELL

Illustrated \$3

JONQUILS

Much prized for their sweet-scented, small, golden yellow flowers; admirably adapted for winter flowering in soil. Perfectly hardy and easily naturalized.

Campernelle Rugulosus. Large, rich yellow flowers, borne very freely, and fine for cutting. \$1.50 per doz., \$10 per 100.

Single Sweet-scented. Rich buttery yellow; not as large a flower as the others, but most fragrant and very free-flowering. \$1.10 per doz., \$7.50 per 100.

Double Sweet-scented. Heads of small but very double deep golden yellow flowers. \$1.15 per doz., \$8 per 100.

POLYANTHUS NARCISSI

American Grown

The flowers of this class of Narcissi are deliciously sweet-scented and are suitable for the window-garden and the conservatory. The bulbs are of the easiest culture and produce flowers very freely, on long stems bearing from six to a dozen blooms each.

GRAND SOLEIL D'OR. Yellow, with orange cup; Doz. 100
very free-blooming. Mammoth Bulbs. \$2 50 \$18 00
Monster Bulbs. 2 75 20 00

PAPER-WHITE GRANDIFLORA NARCISSI

The beauty and grace of these flowers may be enjoyed throughout the winter with small outlay of money and effort. Successive plantings give flowers from Christmas until Easter. Plant the bulbs so that they almost touch each other in soil, fiber, or water, supported by pebbles, and store them in a cool, dark place for about five weeks until they are well rooted. Bring them into the light gradually as they are needed. If potted about October 1, and brought to the light in the middle of November, they will be in bloom for Christmas.

Our bulbs are from the best American-grown stock, and we confidently expect them to be equally as satisfactory as those we used to get abroad, but we cannot guarantee this.

	Doz.	100
Mammoth Size Bulbs	\$1 25	\$9 00
Monster Bulbs	1 50	10 00
Jumbo Bulbs	2 25	15 00



Paper-White Grandiflora Narcissi

Pebbles. Carefully screened and selected for growing bulbs in water. Qt. 10 cts., 4 qts. 40 cts., pk. 75 cts. Cannot be sent by mail.



Amaryllis



Chionodoxas



Giant Crocuses



Calla Lilies

Miscellaneous Bulbs and Roots

AMARYLLIS

On receipt of the bulbs in the autumn they should be placed where they will always be slightly moist and warm—under the benches of a greenhouse, for example. Do not pot up the bulbs before the flower-buds appear; when first potted, give very little water, and promote growth by giving moderate bottom heat; increase the supply of water as the plants progress. Very often the mistake is made of potting up the bulbs too early; the consequence is that only leaf-growth is made.

GIANT AMERICAN HYBRIDS. We believe this selection is the best obtainable at the present time, and we know of nothing that will give the amateur greater pleasure for the window-garden. They are of vigorous growth, free-flowering habit, and enormous size of the individual flowers. We offer mixed varieties only, in very strong bulbs (ready November 1). 75 cts. each, \$8 per doz.

ANEMONES (Windflower)

These popular flowers of French origin are exceedingly useful as a decorative plant for house or garden, and fine for cutting. If planted outdoors in the fall they must be well protected with leaves or other litter; they may also be planted in the spring in well-drained soil, and will flower during the summer, starting in May. When planted in pots, place twelve or more in a cluster and store away, if possible, in a coldframe until February 1; if carefully watered, when brought into the house they will flower abundantly.

SINGLE DE CAEN (Giant French Poppy-flowered Anemone). Large flowers of brilliant and varied colors. 75 cts. per doz., \$5 per 100.

ST. BRIGID. The flowers are semi-double, most varied and beautifully colored, and if cut before fully out are most useful for decorative purposes. \$1 per doz., \$6.50 per 100.

CALLA LILIES

White (*Richardia æthiopica*). The White Calla, or Lily-of-the-Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming keep them dormant from the middle of June until the last of August; repot as soon as received in good, rich soil, using 6 to 8-inch pots; give water, light and heat in abundance, and the result will be most satisfactory.

	Each	Doz.	100
Mammoth Roots.....	\$0 40	\$4 00	\$30 00
Monster Roots.....	60	6 00	45 00

Godfrey Everblooming White. This is a great improvement over the ordinary White Calla, especially for the amateur, being of even freer growth and much more floriferous over a longer season. The flowers, while a trifle smaller than the old-fashioned Calla, are of purer white.

	Each	Doz.	100
First-Size Roots.....	\$0 25	\$2 50	\$18 00
Mammoth Roots.....	35	3 50	25 00

Yellow, Elliottiana. The finest Yellow Calla. Large, rich deep golden flowers often 4 to 5 inches across at the mouth. Habit of growth and foliage like the old favorite White Calla excepting the leaves of Elliottiana are spotted with white.

	Each	Doz.	100
First-Size Roots.....	\$0 30	\$3 00	\$20 00
Mammoth Roots.....	40	4 00	30 00
Monster Roots.....	50	5 00	37 50

CHIONODOXA · Glory-of-the-Snow

The most beautiful of dwarf blue spring flowers, resembling those of *Scilla sibirica*, but larger, slightly taller, and more handsome. The Chionodoxas are very hardy, thriving in any ordinary garden soil and in almost any situation. They should be planted in the fall, 3 inches deep, about 18 bulbs to a square foot, in a sunny location or in half shade and in places where they can remain undisturbed for a number of years. The flowers will cross with one another and will seed themselves, forming natural colonies.

LUCILÆ. Bright sky-blue flowers, with large white centers. 50 cts. per doz., \$3.50 per 100, \$30 per 1,000.

SARDENSIS. Rich deep blue, with small white center. 50 cts. per doz., \$3.50 per 100, \$30 per 1,000.

GIGANTEA. Resembling *C. Lucilæ*, but with much larger blooms of soft gray-blue. 75 cts. per doz., \$5 per 100, \$45 per 1,000.

GIANT CROCUS

Mammoth-Flowering Named Varieties

These are large, selected bulbs of the best varieties and are noted for the immense size and quantity of their flowers and richness of color. The small, cheap bulbs we do not handle, as they fail to give satisfaction. Crocuses may be planted as an edging to beds, in careless patches in the grass, in masses among trees and shrubs, or on the slopes of terraces. In pots, planting twelve to fifteen bulbs in a 6 or 7-inch pan, they are very beautiful. Plant 2 inches deep and from 1 to 2 inches apart.

	Doz.	100	1,000
ALBION. Striped.....	\$0 65	\$4 00	\$35 00
BARON VON BRUNOW. Blue.....	60	3 50	30 00
DANDY. Dark purple, distinct white tips....	65	4 00	35 00
GOLDEN YELLOW. Mammoth Bulbs.....	70	4 50	40 00
Jumbo Bulbs.....	75	5 00	45 00
KATHLEEN PARLOW. Extra-fine white Crocus with deep orange anthers.....	70	4 50	40 00
KING OF THE WHITES. Large; white....	65	4 00	35 00
MAXIMILIAN. A pleasing shade of lavender. Distinct from all others.....	65	4 00	35 00
MONT BLANC. White.....	60	3 50	30 00
PALLAS. White ground with fine light lilac stripes; showy orange anthers; extra-large flower.....	65	4 00	35 00
PURPUREA GRANDIFLORA. Large; purple.....	70	4 50	40 00
SIR WALTER SCOTT. Striped.....	60	3 50	30 00
GIANT NAMED MIXED	60	3 75	32 50
FINE MIXED	40	2 50	22 00

ERANTHIS HYEMALIS

Winter Aconite

Early in spring the golden blossoms look charming, resting on an emerald-green cushion of leaves, and forming a striking contrast to the snowdrops, scillas, and chionodoxas. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees, and where few other flowering plants will thrive. 5 to 8 inches high. 50 cts. per doz., \$3 per 100, \$25 per 1,000.



Ixias



Fritillaria imperialis



Fritillaria meleagris



Spanish Iris

FREESIAS

One of the most beautiful and popular flowers for house or conservatory. Very valuable for cutting, being peculiarly graceful and possessed of a sweet, delicate perfume. They force easily and may be had in bloom by Christmas if desired.

WATERER'S PURITY. The flowers are of extra-large size and of a pure glistening white.

	Doz.	100	1,000
Mammoth Bulbs.....	\$0 50	\$3 50	\$30 00
Monster Bulbs.....	80	5 50	50 00
Jumbo Bulbs.....	1 00	7 00	65 00

GIANT-FLOWERING COLORED FREESIAS

These beautiful novelties are rapidly winning favor on account of their lovely and unique colorings. Very fragrant and free-flowering.

AMETHYST. A beautiful amethyst-blue with light center. Strong, sturdy grower. \$1.50 per doz.; \$8 per 100.

AURORA. A large-flowering yellow, suffused with orange. A variety which has many admirers. \$1.10 per doz.; \$7.50 per 100.

CALIFORNIA. A large flower of a bright golden yellow; extra-strong, fine growth and long stems. One of the very finest yellow Freesias. \$1.15 per doz.; \$8 per 100.

CARMENCITA. A beautiful light orange-salmon hue with buff shading on the lower petals; long, wiry stems. \$1.10 per doz.; \$7.50 per 100.

CARRIE BUDAU. Lavender-pink; a great improvement over Gen. Pershing with larger flowers and heavier stems. An enormous grower and producer. \$1.25 per doz.; \$9 per 100.

JUNE MICHELSEN. Large-flowering deep rose-pink, with light blush throat, three lower petals are veined purplish crimson, with a deep yellow blotch on center petal. Good stiff stems and strong constitution. A variety of special merit. \$1.50 per doz.; \$10 per 100.

MENDOTA. A new giant yellow Freesia of splendid clear color. It is a strong, vigorous grower with long, sturdy stems, making it a valuable cut-flower. \$1.50 per doz.; \$10 per 100.

MRS. MARC PETERS. Very attractive deep rosy salmon, with lower petals blotched orange and yellow. \$1.50 per doz.; \$10 per 100.

OLIVETTE. Bright carmine-red, with light yellow throat, lower petals having a deep yellow blotch with crimson veins. Very profuse bloomer. \$1.25 per doz.; \$9 per 100.

FRITILLARIA IMPERIALIS

Crown Imperials

Well-known hardy border plants, bearing clusters of immense, pendent bell-shaped flowers, surmounted with a tuft of green leaves. They are excellent for hardy borders and may be left undisturbed for years.

	Each	Doz.	100
Red	\$0 40	\$4 00	\$30 00
Yellow.....	40	4 00	30 00

FRITILLARIA MELEAGRIS

Guinea-Hen Flower

Dwarf, spring-flowering plant, bearing large, pendent, bell-shaped flowers of various colors, in yellow, white, black, purple, striped and splashed and checkered in the most curious way. They are invaluable for pot culture, and exceedingly pretty when grown in large groups in the garden border or wild garden in a dry situation.

Mixed Colors. 80 cts. per doz.; \$6 per 100; \$55 per 1,000.

MUSCARI

Grape Hyacinth

These very curious and pretty little Hyacinths are perfectly hardy, are of the easiest culture, and thrive and increase in either sunny or partially shaded positions in the garden. When naturalized in little colonies where they can remain undisturbed for several years, the effect is very pretty, while as edgings they are most charming. All are also adapted for winter flowering in the house.

Blue. 40 cts. per doz., \$2.50 per 100, \$20 per 1,000.

White. 75 cts. per doz., \$5.50 per 100, \$50 per 1,000.

Heavenly Blue. A new type with larger flowers of a bright sky-blue and delightfully fragrant. Desirable for cutting and of splendid effect massed in the garden or border. 60 cts. per doz., \$3.25 per 100, \$25 per 1,000.

Various Bulbous Irises

DUTCH IRIS (*Iris hollandia*)

This new strain much resembles the well-known Spanish Iris, but the whole habit of growth is more vigorous. The large flowers are similar in appearance to those of the Spanish Iris and have orange blotches on the wide falls. Their greatest value is in their earliness, flowering two weeks before the Spanish outside, and, when forced, will bloom in February and March. Invaluable as a cut-flower.

DAVID BLESS. A very fine light blue. Very early. \$1.75 per doz.; \$12 per 100.

FRANS HALS. Standards light blue; falls pale primrose—exquisite color combination. \$1.75 per doz.; \$12 per 100.

HEEMSKERK. Sulphur-yellow, with deeper yellow falls. \$2.25 per doz.; \$15 per 100.

REMBRANDT. Wide, dark blue standards; falls rich deep blue with fine orange blotch. Vigorous grower. \$1.75 per doz.; \$12 per 100.

THEODORE DE BOCK. The best of the bronze colored sorts. \$1.75 per doz.; \$12 per 100.

WHITE EXCELSIOR. Beautiful, large, elegant flowers of uniform pure white. \$2.25 per doz.; \$15 per 100.

WEDGWOOD. Large flower of beautiful wedgwood blue borne on a strong stem. It may be had in bloom in the greenhouse as early as mid-January. This variety is very free-flowering. \$3.75 per doz.; \$25 per 100.

SPANISH IRIS (*Iris hispanica*)

These are extremely early and produce fragrant, orchid-like flowers of rich and beautiful colors. They are excellent for forcing, either in pans or in boxes for cutting. They are hardy out-of-doors, requiring only slight mulching in winter.

QUEEN WILHELMINA. Large, pure white.

CAJANUS. Rich golden yellow.

KING OF THE BLUES. Deep dark blue, shaded lighter.

RECONNAISSANCE. Dark bronze, golden blotch. Extra fine.

Price, any of the above Spanish Irises, 85 cts. per doz.; \$6 per 100

IRIS FILIFOLIA

IMPERATOR. A strong-growing Iris with rich deep blue flowers. A splendid greenhouse variety, but not hardy in this climate. \$1.25 per doz.; \$9 per 100.



Ranunculus



Snowdrops



Spirea

IXIAS

The *Ixia* is a beautiful little winter-flowering bulb, with long slender, graceful spikes of bloom. The colors are rich, varied, and beautiful, the center always differing in color from the other parts of the flower, so that the blossoms, expanding in the sun's rays, present a picture of gorgeous beauty. Very desirable for pots. We offer them in mixture at 45 cts. per doz.; \$2.50 per 100; \$20 per 1,000.

LILY-OF-THE-VALLEY

Cold Storage

For Growing in the House

Few people realize how easily the dainty Lily-of-the-Valley can be brought to perfection in the house in three weeks, with longer stems and larger flowers than any grown outdoors.

By planting our specially prepared roots successively in fiber, peat or soil, and giving them gentle heat and plenty of water, these delicately lovely, highly fragrant flowers may be had in profusion throughout the winter and early spring.

About Lily-of-the-Valley

We believe our Cold Storage Lily-of-the-Valley Pips are absolutely the finest grade of pips that it is possible to procure from Germany.

It has been our good fortune to supply the finest estates in the country with these pips.

READY FOR IMMEDIATE DELIVERY

WATERER'S "XXX PERFECTION BRAND." An extra-fine grade for forcing, which we carry in cold storage for immediate delivery. \$1.25 per doz.; \$8.50 per 100. Case of 250, \$20; 500, \$37.50; 1,000, \$75.

If wanted by parcel post, add 10c. per doz., 25c. per 100, for postage

FRESH PIPS. Ready in December. \$7 per 100; \$65 per 1,000.

CLUMPS. Ready in November. For outdoor planting only. 60 cts. per clump; \$6 per doz.; \$45 per 100.

LEUCOJUM VERNUM (Spring Snowflake)

Pretty bulbous plants allied to the snowdrop, but of much stronger and bolder habit, growing from 1 to 2 feet high in rich soil, and producing freely beautiful large white flowers, distinctly tipped with green, excellent for cutting. When once planted, they take care of themselves. They should have a place in all hardy collections, particularly shady nooks. \$1 per doz.; \$7 per 100.

OXALIS

Charming little half-trailing or bushy plants particularly adapted for pot-culture and hanging-baskets. The foliage alone is very attractive and when in flower they are exceedingly pretty.

BUTTERCUP. Large, rich yellow flowers.

GRAND DUCHESS. A variety of great beauty; of dwarf, sturdy growth, throwing their large flowers well above the foliage. Extremely free-flowering. One of the most desirable for window culture. We offer them in three colors, Pink, White, and Lavender.

Price, any of the above, 50 cts. per doz., \$2.75 per 100

RANUNCULUS

Gorgeous dwarf flowers, easily grown in pots for winter-blooming or in coldframes for spring. Plant about 8 roots in a 6-inch bulb-pan covering 1 inch. The colors vary from white, yellow, crimson, purple, to almost black.

GIANT DOUBLE FRENCH, MIXED. 75c. per doz.; \$5.50 per 100.

SCILLAS, Blue Bells and Wood Hyacinths

All the varieties of the *Scilla campanulata* and *S. nutans* family are splendid for naturalizing, because they will flower in shady places, where almost any other flower will die. As they are very cheap, they are one of the most useful flowers for the landscape architect. Both have bells like small hyacinths, forming long and graceful spikes.

SIBIRICA. Most beautiful hardy spring bulbs, producing in profusion masses of exquisite rich blue flowers almost before the snow has disappeared. If grown with snowdrops and crocuses, for contrast, the effect is magnificent. Splendid for the rock-garden. Grown in pots they may be had in bloom from Christmas until April. Top-size bulbs, 80 cts. per doz.; \$5.50 per 100; \$50 per 1,000.

CAMPANULATA (Wood Hyacinth). Flowers borne on tall spikes 1 to 2 feet high. Each flower measures nearly an inch across and droops gracefully; perfectly hardy; also fine for pot culture. We offer the following colors:

	Doz.	100	1,000
White.....	\$0 70	\$4 00	\$35 00
Blue.....	70	4 00	35 00
Pink.....	80	5 50	50 00

NUTANS. The true English Blue Bell. A showy, vigorous-growing variety that is effective when planted with May-flowering tulips. Height, 12 to 15 inches. 45 cts. per doz.; \$3 per 100; \$25 per 1,000.

SNOWDROPS

These elegant little flowers, the first to open in spring, should be found in every garden. The Snowdrop thrives in almost any situation or soil, and should be planted as early in the autumn as possible. A combination of crocuses, scillas, and Snowdrops make a glorious effect when planted promiscuously in a border, one following the other in flowering and in change of color.

	Doz.	100	1,000
Single.....	\$0 70	\$4 50	\$40 00
Double.....	85	6 00	55 00

SPIREA November Delivery

This beautiful pot plant, usually grown by the florist for Easter we are able to offer in seven named varieties, in clumps suitable for growing in 6-inch pots.

AMERICA. Delicate lilac-rose; splendid forcer.

GLADSTONE. Large spikes of pure white flowers, borne on strong stems 18 inches high.

PEACH BLOSSOM. A very lovely shade of peach-blossom-pink. A very free-flowering variety.

PRINCESS MARY. One of the very best of the dark pinks.

QUEEN ALEXANDRA. A popular variety on the order of Gladstone, but of a pale pink color.

RUBENS. Deep carmine-rose; very strong grower.

Strong clumps of any of the above 6 varieties, 85 cts. each, \$9 per doz., \$65 per 100

RHINELAND. New. Bright crimson, shaded salmon. \$1 each; \$10 per doz.; \$75 per 100.



Lilium auratum

HARDY LILIES (Lilium)

The demand for Hardy Lilies is rapidly increasing. The stately habit, beauty of form, and variety of colors displayed by the various species is almost endless and always interesting and handsome. The earlier types commence flowering in June and later sorts maintain a succession of bloom until autumn. Some are excellent for backgrounds and shrubbery borders; and other kinds are suitable for growing in the conservatory.

We recommend planting 6 to 8 inches deep. Speciosums require at least 8 inches, with some sand beneath the bulb to insure drainage. Cover the beds with leaves or litter during winter. The following varieties may be planted either in the fall or in the spring with excellent results, except *Lilium candidum*, which must go into the ground in early autumn.

Most Lily bulbs do not arrive in our country until October and November, which is the best time to plant them. Where the ground is liable to freeze before late Lilies arrive the beds or borders should be prepared beforehand and covered with leaves or litter to keep ground from freezing.

AURATUM (Golden-banded Lily). Often 8 to 12 inches across. White, spotted crimson, each petal marked in center with wide band of yellow. Fragrant. Flowers in August. Mammoth Bulbs.....	Each	Doz.	100
Monster Bulbs.....	\$0 50	\$5 50	\$40 00
	70	7 00	50 00
BATEMANNIÆ . Strong stems with five to ten flowers of a reddish orange color. July, August. 3 to 4 feet.....	40	4 00	27 50
CANDIDUM . See colored plate, page 29.			
CANADENSE . Graceful and charming bell-shaped flowers, yellow spotted black. June, July. 2 to 3 feet.....	30	3 00	20 00

GRAYI . A native Lily with deep red flowers. One of the finest for planting in shady places. Small, rich red flowers, spotted maroon. July. 3 to 4 feet.....	Each	Doz.	100
	\$0 30	\$3 00	\$20 00
HANSONI . Flowers reddish orange, eight to twelve in a cluster; petals thick, durable. 3 to 4 feet.....	75	7 50	
HENRYI . This beautiful and rare variety closely resembles the <i>Lilium Speciosum</i> type, and has been called "Yellow Speciosum." The color of the flowers are rich apricot-yellow with a few brown spots. Grows 3 to 5 feet high.....	75	7 50	

Lilies, continued

PHILADELPHICUM. A handsome native Lily with yellow, cup-shaped flowers, spotted maroon and shaded orange at ends of petals. Good for naturalizing. July. 3 feet. Large Bulbs.....	Each	Doz.	100
	\$0 35	\$3 50	\$24 00
REGALE. See colored plate, page 29.			
SPECIOSUM ALBUM. A charming, late-flowering, pure white hardy garden Lily of easy culture. Mammoth Bulbs.....	80	8 00	60 00
SPECIOSUM MAGNIFICUM. An enormous rich deep red flower, spotted crimson. Blooms in August. Mammoth Bulbs.....	50	5 50	40 00
Monster Bulbs.....	70	7 00	50 00
SPECIOSUM MELPOMENE. White blooms, heavily spotted and overlaid with crimson. Mammoth Bulbs.....	50	5 50	40 00
Monster Bulbs.....	70	7 00	50 00
SPECIOSUM RUBRUM (<i>L. speciosum roseum</i>). Rosy white, heavily spotted with rich crimson. Mammoth Bulbs.....	50	5 50	40 00
Monster Bulbs.....	70	7 00	50 00
SUPERBUM. Bright reddish orange flowers, conspicuously spotted and borne twenty to thirty on a stem. Prefers a moist, semi-shaded location. July. 3 to 4 feet.....	35	3 50	24 00
TENUIFOLIUM (Siberian Coral Lily). A most delicate and charming species. Growing from 1 to 2 feet high, it bears often from 1 to 12 or more nodding, rich scarlet flowers. Ideal for a cool, shaded position in the rock-garden. Flowers in early June.....	45	4 50	32 50
TESTACEUM (Excelsum or Nankeen Lily). This is one of the finest of all Lilies. The color is difficult to describe, being a shading of dull apricot with orange-yellow anthers. A most graceful Lily and a good companion to <i>L. candidum</i> . June, July. 5 feet. Extra-large Flowering Bulbs.....	2 00	20 00	
TIGRINUM FLORE-PLENO (Double Tiger Lily). Double, showy flowers of orange-red, spotted with black.....	30	3 00	22 50
TIGRINUM SPLENDENS (Improved Tiger Lily). Bright orange-red, spotted with black; very showy; 4 to 5 feet.....	25	2 75	20 00



Lilium speciosum album



Lilium harrisi

LILIES FOR INDOOR GROWING

LILIUM HARRISI

True Bermuda Easter Lily

This Lily is now so well known that it needs no description. It is undoubtedly one of the most popular flowers ever used for forcing but it is scarcely hardy enough to do well outdoors. The bulbs we supply are of the highest quality obtainable and are perfectly true. Ready in August.

	Each	Doz.	100
Large Bulbs.....	\$0 50	\$5 00	\$35 00
Mammoth Bulbs.....	85	9 00	65 00
Monster Bulbs.....	1 50	15 00	

JAPANESE LILIES

We offer two varieties of Japanese Lilies which are largely grown for January to Easter flowering: *Lilium longiflorum formosum*, which usually arrives in this country in September, and *L. longiflorum giganteum*, which usually arrives in October or November.

LONGIFLORUM FORMOSUM. Dark stems; blooms early. Often used instead of the Bermuda as an Easter Lily. Ready in September.

	Each	Doz.	100
Large Bulbs.....	\$0 40	\$4 00	\$30 00
Extra-Large Bulbs.....	60	6 00	45 00
Mammoth Bulbs.....	1 00	10 00	75 00
Monster Bulbs.....	1 50	15 00	

LONGIFLORUM GIGANTEUM. Dark stems; later than the preceding; flowers of more substance. Ready in October or November.

	Each	Doz.	100
Extra-Large Bulbs.....	\$0 60	\$6 00	\$45 00

If Lily bulbs are wanted by parcel post, add 20 cts. per dozen for postage.

Waterer's Choice Flower Seeds for the Greenhouse

(For Complete List of Flower Seeds, See Our General Catalogue)

Antirrhinum · Snapdragon

Giant-Flowered Varieties

Flower-stems will grow to a height of 3 feet or more and flowers are unusually large. Valuable for cutting.

	Pkt.	Large pkt.
Cardinal. Dazzling scarlet.....	\$0 10	\$0 30
Crimson King. Rich crimson.....	10	30
Golden King. Golden yellow.....	10	30
Venus. Flesh-pink.....	10	30
Queen Victoria. Pure white.....	10	30
Rose King. Deep rose self.....	10	30
Mixed.	10	25

COLLECTION: One pkt. each of the above 6 colors, 50 cts.

Feltham Beauty. Deep rose-pink, white center; very large Pkt. flower.....	\$0 25
Silver Pink. Original pkt. \$1.25.	
Harmony. Rich terra-cotta-pink, yellow center.....	25
Peach Blow. Large, delicate peach-colored flower with yellow tint.....	25
Philadelphia Pink. Rich, glowing pink, approaching that of the Ward carnation. A most useful color at all times. Beautiful under artificial light. Original pkt. \$1.25.	

Antirrhinum, Waterer's Superb Giant-flowered Varieties

This wonderful new group of Antirrhinums far surpasses anything yet introduced. In habit they are slightly taller than the Majus group. The flowers are of magnificent size, closely placed on the stems.

Canary Bird. Delicate yellow.
Old Gold. Golden orange.
Copper King. Bronzy copper.
Snowflake. Lovely pure white.
The Rose. Rosy pink.
Apple Blossom. Delicate pink, white throat.

Each, pkt. 25 cts.

COLLECTION: One pkt. each of above 6 varieties, \$1.25

Antirrhinum, Half-Dwarf Varieties

These grow about 20 inches in height and produce spikes of flowers of the largest size.

	Pkt.	Large pkt.
Daphne. Soft blush-pink.....	\$0 10	\$0 30
Defiance. Orange-scarlet.....	10	30
Empress. Rich velvety crimson.....	10	30
Golden Queen. Rich yellow.....	10	30
Gloria. Rich deep rose-pink.....	10	30
Purity. Pure white.....	10	30

COLLECTION: One pkt. each of above 6 varieties, 50 cts.

Pink Perfection. (New.) Long perfect spikes of a Pkt. Large pkt. beautiful shade of pink described as Hermosa pink, suffused salmon..... \$0 25

The Fawn. Rosy fawn color, with white tube and yellow lips; base beautifully blended—a fine bright, new shade.....	15	\$0 40
Mixed. All colors.....	1/4 oz.	35 cts. 10

Cineraria

Our strains of this showy greenhouse plant are of acknowledged superiority, the very choicest from a prize European collection containing only the best colors.

Waterer's Prize Dwarf. Dwarf, compact plants not over a Pkt. foot high, with immense heads of large individual flowers in a great range of beautiful colors.....	\$0 50
Waterer's Prize Tall. Extra-fine colors, with plenty of self and various shades of rose.....	50
Matchless. Very fine strain; contains many new colors; vigorous and compact growth.....	75
Matador. Fine glowing scarlet.....	50
Hybrida grandiflora, Stella. Twisted or fluted petals like a single cactus dahlia.....	50
Multiflora nana. This new variety is the dwarfest and most compact type; flowers of good size and produced in great profusion. An excellent pot-plant. Mixed colors.....	50
Stellata, Feltham Beauty. A great improvement on the old variety. Beautiful mixture of many colors.....	50

Calendula · Pot Marigold

Valuable for pot culture, blooming in the winter and early spring. 1 foot high.

Ball's Orange. A special forcing strain. Large, Pkt. Large pkt. Oz. extra-double, bright orange flowers.....	\$0 25	\$0 60	\$1 50
Ball's Gold. Uniformly double golden yellow flowers on long stems.....	25	60	
Lemon Queen. Lemon-yellow.....	10	20	40
Meteor. Yellow, striped orange.....	10	20	40
Orange King. Dark orange-red.....	10	20	40
Prince of Orange. Orange, slightly striped with yellow.....	10	20	30

Clarkia elegans

Clarkias have become very popular of late and are grown extensively in the greenhouse during the winter. 2 to 2½ feet.

	Pkt.	Large pkt.
Double Brilliant. Rich crimson-scarlet.....	\$0 10	\$0 25
Double Salmon Queen. Salmon-pink.....	10	25
Double Scarlet Queen. Brilliant orange-scarlet.....	10	25
Double White. Pure white.....	10	25

Cyclamen

Giganteum (grandiflorum). The very choicest strain of this beautiful flower obtainable.

	Pkt.	100 Seeds
Blood-Red.	\$0 50	\$2 50
Bright Rose.	50	2 50
Salmon King. Salmon-pink. Very fine.....	50	2 50
Vulcan. Deepest red.....	50	2 50
White, with Dark Eye.	50	2 50
White Swan. Pure white.....	50	2 50
Finest Mixed.	40	2 00

Butterfly (Papilio or Victoria). Very large flowers with fringed and fluted petals..... 50

Cherry Ripe. The brightest red Cyclamen in cultivation..... 75

Fragrance. Rose; remarkably sweet-scented..... 75

Mrs. Buckston. A real salmon shade—a lovely tint..... 75

Pink Pearl. A lovely pale salmon..... 75

Dracæna

Ornamental greenhouse plants; fine for pots, vases, or beds; green leaves.

	Pkt.	1/2 oz.
Indivisa. Narrow leaves.....	\$0 10	\$0 25
Australis. Broad leaves.....	10	30

Gloxinia

Hybrida grandiflora. An unsurpassed strain, containing the Pkt. spotted hybrids as well as the finest self-colored sorts..... \$0 50



Calendulas

Grevillea · Silk Oak

Robusta. Really a greenhouse plant, but can be successfully grown as an annual. It is a neat little shrub, with delicate fernlike foliage. Very useful for table decoration and in foliage groups. Pkt. \$0 10

Nemesia

Free-blooming dwarf bushes for pot culture. Seed sown in the autumn makes beautiful pot-plants for early spring blooming.

Blue Gem. A beautiful bright blue. Pkt. \$0 15
Strumosa Suttoni. Large flowers in many rich and rare colors. 15
Dwarf Compact Hybrids. A great variety of new and improved colors; very free-flowering. 9 inches. 15

Primula chinensis · Chinese Primrose

One of our finest free-flowering winter house plants. Our strains may be relied on as being of the finest procurable.

Alba magnifica. Pure white, with yellow eye. One of the finest. Pkt. \$0 50
Chiswick Red. Rich deep rose. 50
Crimson King. The deepest and richest crimson-scarlet color in Primulas. 50
Duchess. Pure white, with large bright carmine center. 50
Holborne Blue. A beautiful shade. 50
Excelsior Mixed. A magnificent strain of Giant Primula. 50
Stellata. Large heads of star-shaped flowers of various colors. 50

Primula obconica

Gigantea Kermesina. Rich crimson. 25
Gigantea cærulea. Blue. 25
Gigantea, Salmon Queen. Salmon-pink. 35
Gigantea rosea. Pure rose color. 25
Gigantea, Mixed. All colors. 25
Grandiflora alba. Pure white. 20
Grandiflora Kermesina. Bright crimson. 20
Grandiflora rosea. Beautiful clear rose. 20
Grandiflora, Apple Blossom. Soft pink. 20
Grandiflora, Mixed. All colors. 20



Primula obconica

Various Primulas

	Pkt.
Kewensis. Flowers bright yellow and fragrant.	\$0 25
Malacoides. Light lilac; branching habit.	25
Malacoides alba. Pure white.	25
Malacoides, Double. (New.) Deep, rosy pink.	25
Malacoides fimbriata. (New.) The flowers, of a lovely pink hue, are beautifully and delicately fringed.	25
Malacoides, Pink Beauty. A new and very remarkable variety, with large flowers of a beautiful rosy pink, almost shading to mauve.	25
Malacoides superba. Deep rosy pink.	25

Schizanthus · Butterfly Flower

Free-flowering and very attractive annuals for the garden in summer or the greenhouse during winter. Pkt.

Wisetonensis. The colors range from soft pink to dark brown. \$0 20
Wisetonensis, Excelsior. This may be described as a much larger flowering strain of Wisetonensis. 25
Dr. Badger's Hybrids. Very large flowers, giving a wide range of colors. 25
Garraway's Hybrids. A magnificent strain for greenhouse and conservatory decoration, embracing a wide range of beautiful colors. 25

Smilax

A popular greenhouse climber with small, dark green foliage of great value for floral decoration. 8 to 10 feet. Pkt. 10 cts., 1/4 oz. 20c.

Mammoth-flowering Beauty Stocks

Particularly adapted for the greenhouse, to provide cut-flowers during the winter.

Abundance. Carmine-rose.	Monte Carlo. Canary-yellow.
Beauty of Nice. Delicate flesh-pink.	Queen Alexandra. Soft rosy lilac.
Bright Violet. Violet-blue.	Deep Lilac.
Crimson King. Brilliant crimson.	White Lady. Snow-white; very double.
Empress Elizabeth. Bright carmine.	

Pkt. 15 cts.

Sweet Peas, Early Long-flowering Spencer

These varieties, if sown early in fall under glass, will bloom by Christmas and continue all winter.

Price, any of the following, pkt. 15 cts. 1/2 oz. 50 cts., oz. 75 cts.

Bluebird. A splendid rich, deep blue.
Burpee's Orange. Deep orange.
Christmas Carol. Salmon-cream-pink. Extra-large flower.
Columbia. Best pink and white bicolor.
Glitters. The standard is bright fiery orange, and the wings are deep orange.
Heather Bell. The color is a rich but pleasing mauve, but after standing in water becomes a beautiful mauve-lavender.
Lavender King. Rich, true, deep lavender throughout.
Mrs. Kerr. A fine shade of salmon.
Mrs. A. A. Skach. Shell-pink; beautifully waved.
Rose Queen. A beautiful shade of rose-pink.
Snowstorm. Pure white. The blossoms are very large and of the best waved Spencer form.
Yarrowa. Bright rose-pink; wings light pink; large and free bloomer.
Zvolanek's Rose. Bright rose-pink.



Snowstorm Sweet Peas



WATERER'S HARDY PERENNIAL PLANTS

The Hardy Perennials supply us with some of the most beautiful and interesting plants available for outdoor culture. By judicious selection from their almost endless variety, a continuous succession of bloom may be obtained from spring until frost, with wonderful range of color. Plants will be found suitable for massing, for bedding, and for borders, also for cutting and rock-garden work.

Let us help you make your gardens and borders reach the perfection of which you dream, for next year. Plant our strong field-grown clumps this fall.

Achillea

Ptarmica, Boule de Neige. 1 to 1½ ft. This and the following variety are among the most valuable hardy plants for cutting. If they are cut back hard after the first flowers are past, a second crop will be produced in early fall. Small double white flowers in sprays. June–September.

Tomentosa. 6 in. A dwarf rock-plant, bearing heads of bright yellow flowers. June. 25 cts. each; \$2.50 per doz.; \$15 per 100

Agrostemma

Coronaria. 2 ft. Bright crimson flowers and gray woolly foliage making a pleasing contrast. June, July. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Alyssum

Argenteum (Rock Plant). 1 ft. Large, flat heads of golden yellow flowers borne on wiry stems. May, June.

Saxatile compactum (Rock Plant). 1 ft. One of the most popular of spring-flowering plants. Masses of yellow flowers in April and May.

25 cts. each; \$2.50 per doz.; \$15 per 100

Anchusa

Italica, Opal. 4 ft. Tall spikes of pale blue flowers, resembling giant forget-me-nots. June, July.

Italica, Dropmore. Rich gentian-blue. 25 cts. each; \$2.50 per doz.; \$15 per 100

Anemone

Pulsatilla. Large, cup-shaped bluish flowers, covered on the outside with silky hairs, are borne singly on stems 1 foot high in April and May. Fine for rock-work. 30 cts. each; \$3 per doz.

Anthemis

Tinctoria Kelwayi. 2 ft. Bright yellow Marguerite-like flowers in great profusion. June–September. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Aquilegia • Columbine

Mrs. Scott Elliott's Strain. 2 to 3 ft. This is probably the best strain of Long-spurred Hybrids. The flowers are of rich and varied colors. May, June. 30 cts. each; \$2.50 per doz.; \$18 per 100.

Arabis • Rockcress

Alpina. 9 in. A useful, early-flowering plant with pure white flowers, suitable for rock-garden, border, or for spring bedding. April, May. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Alpina fl.-pl. A double-flowered form of the above. 35 cts. each; \$3.50 per doz.



Mrs. Scott Elliott's Columbines

Armeria • Thrift; Sea Pink

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage from which innumerable flowers appear in dense heads, on stiff wiry stems. Very useful in the rockery as well as in the border.

Cephalotes (Giant Thrift). 1 ft. Strong tufts of foliage and heads of silvery pink flowers borne on stout stems. May–July. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Artemisia

Lactiflora. 5 to 6 ft. Fragrant spirea-like plumes of creamy white flowers are borne on stout erect stems from August to October. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Asclepias • Butterfly Silk Weed

Tuberosa. 2½ ft. Bright orange-red flowers, borne in clusters on strong stems. July–September. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Asters, Hardy

Michaelmas Daisy; Starwort

As a plant of general usefulness, the Aster stands unrivaled. The great variety in color, size of flower, time of flowering and height, combined with the simple cultural requirements necessary make it one of the most desirable of hardy plants. Many of the varieties are excellent for cutting. The finest flowers and strongest spikes are obtained if the plants are divided annually.

Barr's Pink. 4 ft. A new variety of strong, erect growth, bearing large, bright pink flowers. When this variety was shown at the Royal Horticultural Society's Hall, London, it was described by the *Horticultural Advertiser* as the best pink Aster in cultivation. Sept., Oct. 50c. ea.; \$5 per doz.

Climax. 5 ft. Large, pale mauve flowers, with yellow centers, on long, slender stems. September, October. 30 cts. ea.; \$3 per doz.

Asters, continued

Louvain. 3 ft. Symmetrical bush-like habit. The foliage is completely hidden by masses of medium-sized delicate pink flowers. September.

Perry's White. 4 ft. A very free-flowering variety of graceful habit. The flowers are large and of good substance. Excellent for cutting. September, October.

St. Egwin. 2½ ft. This variety forms a compact bush, and during September is entirely covered with large, clear pink flowers. One of the best Asters in cultivation.

30 cts. each; \$3 per doz.

Aster, Dwarf Alpine

Alpinus. 9 in. Large, bluish purple flowers. Fine rock-plant. June.

Alpinus albus. A white variety of above. 25 cts. each; \$2.50 per doz.; \$15 per 100

Aubrietia

Rainbow Rock Cress

Pretty, dwarf-growing plants suitable for the rockery or for the edge of the border. They form masses of silvery green foliage and sheets of vari-colored flowers in spring and early summer. Choice mixed varieties. 30 cts. each; \$3 per doz.; \$18 per 100.

Bocconia

Cordata. 6 to 8 ft. A tall-growing, stately plant with handsome, gray, glaucous foliage bearing panicles of creamy white flowers. July, August. 25 cts. each; \$2.50 per doz.

Boltonia · False Chamomile

A showy native hardy perennial plant with large, single aster-like flowers; in bloom during the summer and autumn months, and with its thousands of flowers open at one time produces a very showy effect.

Asteroides. Pure white; very effective. 5 to 7 feet.

Latisquama. Pink, slightly tinged with lavender. 4 to 6 feet.

25 cts. each; \$2.50 per doz.; \$15 per 100



Campanula Medium

Campanula

Bellflower; Harebell

One of the most beautiful and important families of hardy plants. Having a very wide geographical distribution, its members are varied in character and are adapted for rock-garden, border, and woodland.

Carpatica. 1 ft. Suitable for rock-garden or border. Large, blue, cup-shaped flowers during July and August.

Carpatica alba. A white variety of the preceding.

Medium (Canterbury Bells). Blue, pink, white, separate colors.

Medium calycanthema (Cup-and-Saucer). Mixed colors.

Persicifolia. 2½ ft. Slender, erect stems studded with blue, cup-shaped flowers in June and July.

Persicifolia alba. A white variety of the above.

Any of the above, 25 cts. each; \$2.50 per doz.; \$15 per 100

Centaurea

Macrocephala. 4 to 5 ft. A stately plant of robust habit, bearing large, globular heads of golden yellow flowers. July, August.

Montana. 1½ ft. Woolly foliage and bright blue flowers. June, July.

Montana alba. A white variety of the preceding.

25 cts. each; \$2.50 per doz.; \$15 per 100

Cerastium

Tomentosum. Forms a carpet of silvery foliage, covered in May and June with pure white flowers. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Hardy Chrysanthemum

Maximum (Shasta Daisy). 2 ft. A useful flower for cutting. The large, white, daisy-like blooms are produced over a long period. June–September. 25 cts. each; \$2.50 per doz.

Coreopsis

Grandiflora. 2½ ft. One of the best hardy plants for cutting. The bright yellow flowers are borne on long, graceful stems throughout the summer. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Delphinium · Hardy Larkspur

The tall, stately flower-spikes of the Delphinium rise to a height of 4 to 5 feet and supply the garden with a wealth of azure-blue, gentian-blue, and royal purple hues. They are effective in all situations and demand rich, deeply cultivated soil and considerable moisture. If flower-spikes are cut when through blooming, others will replace them.

Belladonna. 2½ to 3 ft. An invaluable variety for cutting; sky-blue flowers in great profusion from June until frost.

Bellamosa. 3 to 4 ft. A true hybrid of Belladonna and Formosum, surpassing both parents. Color is dark blue. It is not subject to mildew.

Formosum. 4 ft. A robust-growing Larkspur having dark blue flowers with white centers. June–September.

Grandiflorum (chinense). 1½ to 2 ft. Gentian-blue flowers and finely divided foliage. June–October.

Grandiflorum album. A white variety of the above.

Mixed Hybrids. This mixture can be relied on to produce a large percentage of extremely good individuals, and is much superior to the ordinary mixed strain. 35 cts. each, \$3.50 per doz., \$20 per 100.

Any of the above Standard Delphiniums, except where noted, 25c. ea.; \$2.50 per doz.; \$15 per 100

Complete list of Hollyhock-flowered Delphiniums is shown in our 1928 Spring Catalogue



Hardy Pinks or Dianthus

Dianthus · Pinks

Alpinus. A lovely dwarf alpine with large, deep pink flowers borne close down to the foliage, which they entirely hide. 50 cts. each; \$5 per doz.

Arenarius. A desirable rock-plant of compact, tufted habit. During May and June the foliage is entirely hidden by masses of deeply fringed, fragrant, white flowers borne on 6-inch stems.

Deltoides (Maiden Pink). A trailing rock-plant; fine for border edging. June, July.

Deltoides albus. A white variety of the foregoing.

Deltoides, Brilliant. Vivid crimson.

Miss Gladys Cranfield. A new variety of exceptional merit. It is of compact growth and bears large, flat, rosy lilac flowers with velvety maroon centers on stems about 1 foot high. The plants we offer are not seedlings, but the true stock. 35 cts. each; \$3.50 per doz.

Plumarius. 1 ft. A first-rate mixture, with beautifully frilled flowers. June, July.

25 cts. each; \$2.50 per doz.; \$15 per 100, unless otherwise noted

Dielytra · Dicentra

Spectabilis (Bleeding-Heart; Seal Flower).

An old-fashioned favorite. Its long racemes of graceful, heart-shaped, pink flowers are always attractive. It is used largely for forcing, and is perfectly at home in any part of the hardy border; especially valuable for planting in the shade. Strong clumps, 50 cts. each; \$5 per doz.

Formosa (Plumy Bleeding-Heart). A dwarfier-growing species, with finely cut ornamental foliage, growing about 15 inches high and producing its showy pink flowers from April till August. 35 cts. each; \$3.50 per doz.

Digitalis · Foxglove

One of the showiest and most attractive of old-fashioned favorites whose popularity is continually increasing.

Gloxiniæflora. Pink, Purple, White, separate. 25 cts. each; \$2.50 per doz.



Single Hollyhock

Digitalis, continued

The Shirley. A new strain raised by the late Rev. W. Wilkes, the originator of the well-known Shirley Poppies. The flowers are of enormous size and vary in color from pure white to deepest rose. 35 cts. each; \$3.50 per doz.

Eryngium • Sea Holly

Planum. 2½ ft. Small blue flower-heads and steely blue stems. Good for cutting and drying. July, August. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Eupatorium

Celestinum. 1½ to 2 ft. Very free-flowing and valuable for cutting. Masses of blue, ageratum-like flowers from August to October.

Fraseri. Feathery white flowers. July-September. 25 cts. each; \$2.50 per doz.; \$15 per 100

Euphorbia • Spurge

Corollata. 1½ to 2 ft. The value of this plant for cutting is not fully appreciated. It is well adapted for shipping, and its small, pure white flowers take the place of *Gypsophila paniculata* when that is past. Best results are obtained by allowing it to remain undisturbed for several years. August, September. 25 cts. each; \$2.50 per doz.

Gaillardia

Grandiflora. 2 ft. Ranges in color from old-gold to crimson. This plant is unrivaled for furnishing a continuous supply of cut-flowers. June-October. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Geum

Chiloense, Lady Stratheden. 2 ft. A new variety similar in habit and growth to the well-known Mrs. Bradshaw. It bears large, old-gold, double flowers. May, June.

Chiloense, Mrs. Bradshaw. 2 ft. One of the most striking of hardy plants. Slender, branching stems are produced from tufts of evergreen foliage and bear large, rich scarlet, double flowers in great profusion. A good plant for cutting. May, June. 30 cts. each; \$3 per doz.; \$18 per 100

Gypsophila

Paniculata. 2½ ft. Cloud-like masses of small white flowers. One of the most popular and useful plants for cutting. July.

Repens. A dwarf trailer, excellent for cascading down the slopes of the rock-garden. Masses of small white flowers. June, July. 25 cts. each; \$2.50 per doz.; \$18 per 100

Helenium

Strong-growing plants, valuable for producing late summer and fall effects in woodland or herbaceous border. Also useful as a cut-flower.

Autumnale, Riverton Beauty. 4 ft. Clear yellow flowers with black centers. August, September.

Autumnale, Riverton Gem. 4 ft. Rich mahogany-red flowers. August, September.

Autumnale superbum. 4 ft. Yellow. August, September. 30 cts. each; \$3 per doz.; \$20 per 100

Helianthemum**Rock or Sun Rose**

Dwarf evergreen shrubs of spreading habit, which for freedom of flowering and brilliancy of coloring are equaled by few and excelled by no other family of plants. Delighting in full sun, they will thrive on a hot sunny bank where few other plants will exist. Massed on the rock-garden or front of herbaceous border, they are the most gorgeous sight in the garden during June. These plants deserve the close attention of all who are interested in rock-gardening.

Choice Mixed Varieties, 35 cts. each; \$3.50 per doz.

Heliopsis • Orange Sunflower

Pitcheriana. 3 ft. Golden yellow flowers all summer. Similar in general habit to *Helianthus*, but commences to flower earlier in the season (July and August), of dwarfer habit, rarely exceeding 3 feet in height; very valuable for cutting. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Hollyhocks

These stately, majestic, hardy plants, from 6 to 8 feet high, are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn, or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

Double. Mixed colors only.

Single. Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We can supply them in mixed colors only. 30 cts. each; \$3 per doz.; \$18 per 100

Hibiscus

Mallow Marvel. Pink, Red, White, Crimson Eye, Mixed. 30 cts. each; \$3 per doz.; \$18 per 100.

Hypericum

Olympicum. 6 in. A rare rock-plant with gray foliage and very large, yellow flowers. June, July. 50 cts. each; \$5 per doz.

Iberis, Hardy • Candytuft

Sempervirens. 9 in. An invaluable spring-flowering plant of dwarf and compact habit, bearing masses of snow-white flowers in large trusses. April, May. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Incarvillea

Delavayi. 1½ ft. Large, rich rose, begonia-like flowers with deep yellow throats, produced all through the summer. A hardy perennial which succeeds well in borders and is equally valuable for greenhouse decoration. 50 cts. each; \$5 per doz.

Iris

Cristata. 4 in. A dwarf fairy-like plant with soft blue, orange-striped flowers. Easily grown in a rather moist, partially shaded position. May.

Pumila cyanea. 9 in. Violet-purple. May. **Pumila, The Bride.** 9 in. Pure white. May. 30 cts. each; \$3 per doz.

Fine Iris Germanica

Their beauty outrivals that of the orchids in their delicacy of structure and wide range of colors. No garden is complete without them, and a very delightful garden can be made with nothing but them, as they are especially adapted for flower borders, shrubberies, woodland walks, and for surrounding lakes and ponds, if planted well above the water-level.

S. means standards or upper petals; **F.** means falls or lower petals

Aurea. S. and F. chrome-yellow. 35 cts. each; \$3.50 per doz.

Florentina. S. and F. white, faintly flushed with lavender. 25 cts. each; \$2.50 per doz.

Her Majesty. S. rose-pink; F. bright crimson. 35 cts. each; \$3.50 per doz.

Lohengrin. S. and F. cattleya-pink; very large flowers. 35 cts. each; \$3.50 per doz.

Loreley. S. light yellow; F. ultramarine-blue, bordered cream. 35 cts. each; \$3.50 per doz.

Kochi. S. and F. rich purple. 35 cts. each; \$3.50 per doz.

Mme. Chereau. S. and F. white, fringed with azure-blue. 25c. each; \$2.50 per doz.

Pallida Dalmatica. S. pale lavender; F. deep lavender. Large flowers on 3-ft. stems. 35 cts. each; \$3.50 per doz.

Princess Victoria Louise. S. primrose-yellow; F. reddish purple with a narrow primrose margin. 35 cts. each; \$3.50 per doz.

Rhein Nixe. S. white; F. rich violet-blue. 35 cts. each; \$3.50 per doz.



Helenium autumnale



Lilium Regale

Lilium Regale

The Regal Lily

This marvelous Lily from western China is admittedly one of the most beautiful of a large and very beautiful family of garden flowers. Unlike many of the other very fine sorts, it is exceedingly easy to grow, blooming from very small bulbs and increasing rapidly in size and strength from year to year. It grows 3 to 5 feet high, and blooms outdoors in July. It is perfectly hardy and flourishes under widely varying conditions. The large, trumpet-shaped, delicately scented flowers are ivory-white, shaded mauve or purple-pink on the outside, tinged with a glorious canary-yellow glow suffusing the center of the flower. It is also excellent for forcing.

Large Bulbs, 50 cts. each; \$5 per doz.; \$37.50 per 100

Mammoth Bulbs, 75 cts. each; \$7.50 per doz.;
\$60 per 100

Monster Bulbs, \$1.25 each; \$12 per doz.; \$90 per 100

Lilium candidum

The Madonna Lily

This is, undoubtedly, the best-known and one of the loveliest Lilies. It has been in cultivation for many centuries and has passed into legend and story. Growing from 3 to 5 feet tall, it bears large heads of purest white flowers, lit in the center with brilliant golden anthers. They are deliciously fragrant.

Its cultivation is simple. Choose a rich but not recently manured spot in full sunlight and plant the bulbs as early as possible—August or September. Set them barely under ground, say 2 inches deep, and thereafter leave them strictly alone. The Madonna Lily does not like to be moved after it is once established, and if undisturbed, will increase abundantly from year to year.

Large Bulbs, 35 cts. each; \$3.50 per doz.; \$25 per 100

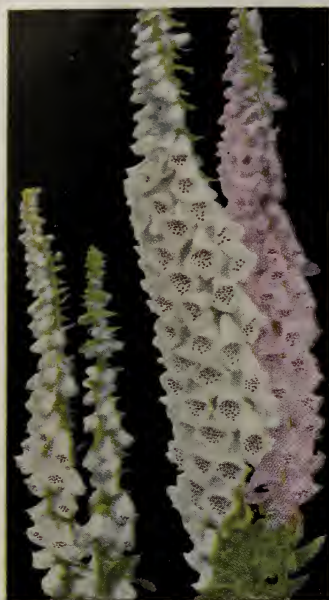
Extra-large Bulbs, 50 cts. each; \$5 per doz.; \$35 per 100

Mammoth Bulbs, 55 cts. each; \$5.50 per doz.; \$40 per 100

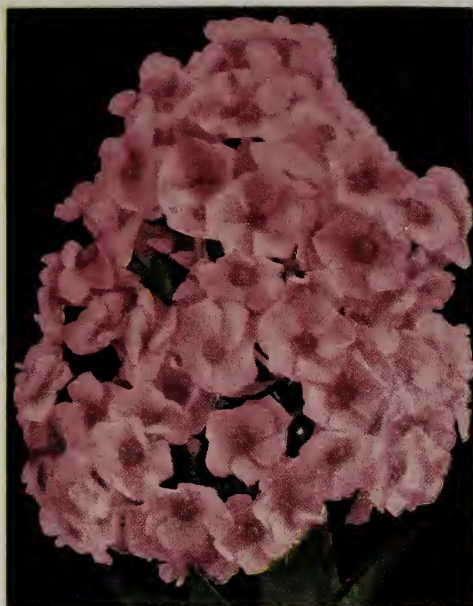
Monster Bulbs, 70 cts. each; \$7 per doz.; \$50 per 100



Lilium candidum



Digitalis, Mixed. (See page 27.)
25 cts. each, \$2.50 per doz.



Phlox, Gefion. (See page 30.)
25 cts. each, \$2.50 per doz.



Veronica spicata. (See page 30.)
25 cts. each, \$2.50 per doz.



Delphinium Hybrids. (See page 27.) 35 cts. each, \$3.50 per doz

The Permanent Things

EVERY garden needs a foundation, a framework, of permanent plants to give it substance and stability—plants which come up year after year in the same places, like old friends. Such plants give the garden a feeling of intimacy and at-homeness. They are restful and familiar, unlike the host of flighty annual flowers which flit through the garden in restless, evanescent flashes of color.

We choose, this season, four of the best and most beautiful: Foxgloves (*Digitalis*), of old-time charm, with a curious, quaint dignity; Phlox, for its brilliant warmth of color and its unfailing cheerfulness; Veronica for its grace and exquisite blue; Delphiniums for their endless charm and variety, combined with quiet stateliness.

Planted liberally, in generous masses, these four flowers will make the garden a heavenly retreat from rush and worry, and increase in usefulness and beauty every year.

SPECIAL OFFER: 3 plants \$2.25
of each (12 in all) for . .

Iris, Japanese

Kaempferi. The most showy and gorgeous of the Iris family. The stately flowers are often 10 inches in diameter, and are produced freely in July. They require rich, moist soil.

Mixed varieties. 25 cts. each; \$2.50 per doz.; \$18 per 100.

Linum · Flax

Perenne. 2 ft. A continuous succession of clouds of sapphire-blue flowers throughout summer.

Perenne album. A white variety of the above.

25 cts. each; \$2.50 per doz.; \$15 per 100

Lupinus · Lupine

Polyphyllus. 3 to 4 ft. Strong spikes of deep blue, pea-shaped flowers. June, July.

Polyphyllus albus. A white variety of the above.

Polyphyllus roseus. Pink form of the above.

35 cts. each; \$3.50 per doz.

Lychnis

Alpina. 6 in. Compact cushions of rich green leaves, studded in April and May with heads of pink flowers. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Ecnothera

Missouriensis. A fine trailing plant with very large, pale yellow flowers, 5 to 6 inches in diameter. One of the best perennials for rock-garden or border. June-August. 30 cts. each; \$3 per doz.; \$18 per 100.

Papaver · Poppy

Nudicaule (Iceland Poppy). 1 ft. Yellow, orange and white flowers. May-August. 25 cts. each; \$2.50 per doz.

Oriente, Gerald Perry. 2½ ft. Pale pink; medium size. 50 cts. each; \$5 per doz.; \$30 per 100.

Oriente, Lord Lambourne. 3 ft. Large, orange-scarlet flowers with deeply frilled petals. 60 cts. each; \$6 per doz.; \$35 per 100.

Oriente, Mahony. 3 ft. A very distinct variety, having deep mahogany-colored flowers. The darkest Poppy in cultivation. 60 cts. each; \$6 per doz.; \$35 per 100.

Oriente, Mrs. Perry. 2½ ft. Medium-sized flowers of a pleasing shade of apricot-pink. 35 cts. each; \$3.50 per doz.; \$25 per 100.

Oriente, Oriental Red. 3 ft. Splendid large, cup-shaped blooms of bright crimson-scarlet. 35 cts. each; \$3.50 per doz.; \$25 per 100.

Oriente, Princess Ena. 2½ ft. Small tulip-shaped flowers, orange-salmon in color. 50 cts. each; \$5 per doz.; \$30 per 100.

Oriente, Royal Scarlet. 3 ft. Tremendous cup-shaped blooms of brightest crimson-scarlet, with large, purplish black blotches at base of petals, creating a wonderful contrast when bloom is fully open. 60 cts. each; \$6 per doz.; \$35 per 100.

Pentstemon

Barbatus Torreyi. 4 ft. Graceful, tapering stems, covered with large, tubular, scarlet flowers. June-August.

Digitalis. 2 to 3 ft. White, tubular flowers with purple throat. Good for cutting. June, July.

25 cts. each; \$2.50 per doz.; \$18 per 100

Peonies

Peonies are delightful companions for irises; their dense foliage alone makes a charming background and their wonderful abundance of gorgeous and gay-colored



Border of Peonies and Irises

Peonies, continued

flowers blend so beautifully with the colors in the irises that each enhances the beauty of the other.

Both are so hardy, so easy to grow, so sure to bloom, so ready to respond eagerly to any little care and attention, that a lover of one must necessarily have or develop a fondness for the other.

Albert Crousse. (Crousse, 1893.) Bomb type. Large, well-formed flowers of soft shell-pink with faint salmon tints. Vigorous grower with tall, erect stems. Very fine as a cut-flower. Late. 75 cts. each.

Couronne d'Or. (Calot, 1873.) Semi-rose type. Immense, full flowers, pure white with a ring of yellow stamens around a tuft of center petals tipped carmine, gaining the title of "Crown of Gold." 75 cts. each.

Edulis Superba. (Lemon, 1824.) Crown type. Beautiful bright clear mauve-pink with silvery reflex. Decoration Day Peony. Very early. 75 cts. each.

Felix Crousse. (Crousse, 1881.) Rose type. Rich, dazzling ruby-red without a tinge of purple. None better. Late midseason. 75 cts. each.

Festiva Maxima. (Mieliez, 1851.) Rose type. The finest white in existence. Pure white with clear carmine spot on edge of center petal. Early. 50 cts. each.

Germaine Bigot. (Dessert, 1902.) Crown type. Very large, compact flower, composed of broad petals. Color lilac-rose, center prominently flecked crimson. Strong, erect grower with medium tall stems. Very free blooming. Midseason. \$1.25 each.

La Tendresse. (Crousse, 1896.) Rose type. Very full large flowers borne in clusters. Color milk-white, sometimes splashed with carmine. Tall, strong grower; free bloomer; fragrant. Midseason. 75 cts. each.

Mme. Emile Lemoine. (Lemoine, 1899.) Semi-rose type. Large, globular, compact flower. Glossy white, overlaid with a sheen of tender satiny pink covered with minute lilac dots. Very beautiful. \$1 ea.

Mme. Jules Dessert. (Dessert, 1909.) Rose type. Creamy white overlaid with a pronounced pink, center intermixed with golden stamens. Very large, with broad, delicate petals of translucent texture. A charming variety and should be in every collection. \$5 each.

Marquis C. Lagergren. (Dessert, 1911.) Semi-rose type. Large; bright velvety crimson. One of the finest reds ever produced. \$2 each.

Reine Hortense (President Taft). (Calot, 1857.) Rose type. Enormous, compact flat flower of soft flesh color, deepening to shell-pink; center showing crimson splashes, sometimes faint stripes on the face of the petals. Well formed and very striking. Deliciously fragrant. A vigorous grower and profuse bloomer. Fine for cut-flowers and usually in bloom just about Decoration Day. Midseason. \$2 each.

Sarah Bernhardt. (Lemoine, 1906.) Semi-rose type. Very large flower of perfect form, full and double, with twisted imbricated petals. Color apple-blossom-pink with each petal silver-tipped. Strong grower, free bloomer, and very fragrant. One of the finest and most dependable Peonies ever produced, attracting attention in every garden. Late midseason. \$1.50 each.

Solange. (Lemoine, 1907.) Rose type. A very large, full, compact flower of indescribable beauty. Color rare, deep orange-salmon at the heart, overlaid with delicate tender reddish brown—a most unique color combination. The plant is a strong, robust grower and very abundant bloomer. Considered as one of the most unusual and charming Peonies ever produced. Midseason. \$6 each.

Suzette. (Dessert, 1911.) Semi-rose type. Bengal-rose, lightly shaded carmine-purple, with silvery reflex. Strong stems. Rare. Midseason. \$1 each.

Single Peony

Mistral. (Dessert, 1902.) Carmine, yellow center. 75 cts. each.

Japanese Variety

Ruigegno. Dark velvety maroon, with brilliant yellow petaloids. Very striking and unusually large. \$5 each.

Physalis

Francheti (Winter Cherry). 2 ft. Bright orange bladder-like calyces enclosing a cherry-like fruit. Valuable for drying for winter decoration. October. 25 cts. each; \$2.50 per doz.; \$18 per 100.

Physostegia

Virginica. 3 ft. Long, slender spikes, closely covered with pinkish mauve, tubular flowers. July, August.

Virginica alba. White form of above. 25 cts. each; \$2.50 per doz.; \$15 per 100



Platycodon grandiflorum

Phlox

One of the most important families of hardy perennials and should be well represented in every collection. They are best suited by a deep, well-manured soil and abundance of moisture.

- Albion.** 2½ ft. White with faint red eye.
Antonin Mercier. 2 ft. Soft lilac-blue, with white center.
Bacchante. 2 ft. Fiery pink with crimson eye.
Baron van Dedem. 2 ft. Glowing crimson.
Gefion. 2 ft. Soft pink with bright rose eye.
La Vague. 2 ft. Rosy pink.
Mrs. Jenkins. 2½ ft. White; large trusses.
Rosenberg. 2 ft. Carmine-violet with reddish eye.
Rijnstroom. 2½ ft. Rose-pink; very large individual flowers.
R. P. Struthers. 2 ft. Bright rosy red with crimson eye.
Thor. 2 ft. Very large trusses of dazzling pink flowers.
Suffruticosa, Miss Lingard. 2½ ft. Good for cutting; pyramidal trusses of white flowers with faint lilac eyes. June-Sept.
 25 cts. each; \$2.50 per doz.; \$15 per 100

Dwarf Varieties

- Amœna.** Compact tufts of glossy green foliage and masses of vivid pink flowers in April and May.
Divaricata. 9 in. Trusses of large, fragrant, lavender flowers. May.
Subulata alba (Moss Pink). 6 in. Moss-like foliage covered in April and May with sheets of white flowers.
Subulata, G. F. Wilson. One of the best and most floriferous of spring-flowering plants. Mats of glossy foliage completely hidden by sheets of starry, lavender flowers in April and May.
Subulata lilacina. A lilac variety.
Subulata rosea. A pink variety.
Subulata, Vivid. The most attractive of the dwarf Phloxes. It is a neat, compact grower, and when in bloom, nothing can be seen but a sheet of warm salmon-rose flowers. 50 cts. each; \$5 per doz.; \$30 per 100.

All Phloxes, except where noted, 25 cts. each; \$2.50 per doz.; \$18 per 100

Polemonium

- Richardsoni** (*P. bumile*). 1½ ft. Neat tufts of vivid green foliage and erect spikes of pale blue flowers. May. 30 cts. each; \$3 per doz.; \$18 per 100.

Pink, Hardy

A highly popular group of old-fashioned garden plants, esteemed for their extreme floriferousness and delicious fragrance. They grow 12 to 15 inches high and bloom in May and June.

- Excelsior.** Delicate rose-pink.
Her Majesty. Pure white; large flowers.
Homer. Deep rose with darker center.
Juliette. White, laced crimson.
Lord Lyon. Deep rose.
White Reserve. Pure white.
 25 cts. each; \$2.50 per doz.; \$15 per 100

Platycodon • Balloon Flower

Grandiflorum. 2 ft. Blue, bell-shaped flowers, borne on slender stems. June-October.

Grandiflorum album. A white variety of the above.

25 cts. each; \$2.50 per doz.; \$15 per 100

Plumbago

Larpenæ (Leadwort). 1 ft. Forms compact tufts of innumerable wiry stems, each one terminating in a dense truss of cobalt-blue flowers. August-October. 30 cts. each; \$3 per doz.; \$18 per 100.

Pyrethrum

Roseum. 2 ft. Daisy-like flowers varying in color from white to crimson. Useful for cutting. June. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Rudbeckia

Golden Glow. 6 ft. Double, deep yellow flowers. July-September. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Salvia • Meadow Sage

Azurea grandiflora. 4 to 5 ft. Tall, straight stems, covered for half their length with sky-blue flowers. August-October.

Virgata. 2 ft. Branching spikes of violet-blue flowers in a continuous succession from June until frost. Should be freely used in all herbaceous plantings.

30 cts. each; \$3 per doz.; \$18 per 100

Scabiosa

Handsome border plants, succeeding in any ordinary well-drained soil in a sunny location, and should be grown in every garden where cut-flowers are wanted. They last a long time when picked and placed in water.

Caucasica. 2½ ft. One of the finest hardy plants, bearing throughout summer a succession of large, soft lilac flowers on long stems.

Caucasica alba. A white variety of the above.

30 cts. each; \$3 per doz.; \$18 per 100

Sedum • Stonecrop

Dwarf Sorts

Suitable for the rockery, carpet-bedding, covering of graves, etc.

Acre. Quickly forms a thick carpet of vivid green, moss-like foliage, hidden by yellow flowers in May.

Album. 6 in. Small, succulent leaves which turn reddish bronze in fall. Trusses of white flowers in June and July. An excellent edging plant.

Hispanicum. 3 in. A minute plant forming spreading tufts of gray foliage becoming bronze in fall.

Spectabile. 1½ ft. Erect, sturdy habit, with broad, glaucous leaves. The flowers, borne in large, flat heads, are rosy purple in color, and retain their beauty for two months. August, September.

Spectabile, Brilliant. A deeper-colored variety than the preceding, being a vivid amaranth-red.

25 cts. each; \$2.50 per doz.; \$18 per 100

Stokesia

Cyanea. 1½ ft. A showy plant with large blue flowers on somewhat straggling stems. August-October.

Cyanea alba. A white form of the preceding.
 25 cts. each; \$2.50 per doz.; \$15 per 100

Statice

Latifolia (Sea Lavender). 1½ to 2 ft. Branching flower-stems bearing countless small, blue-purple flowers which retain their color long after being cut and dried. Very good for cutting. August, September. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Sweet William (*Dianthus barbatus*)

A well-known, free-flowering hardy perennial, bearing heads of fragrant, richly colored flowers.

Pink Beauty (Newport Pink). A beautiful shade of salmon-pink; very large heads on long stems.

Scarlet Beauty. Large heads of an intense scarlet color; very striking.

Holborn Glory. Giant-flowering varieties in finest assortment of colors.

Single White.

25 cts. each; \$2.50 per doz.; \$15 per 100

Tritoma

Pfitzeri (Torch Lily). 2 to 3 ft. A very distinct and handsome late-flowering perennial with tufts of grass-like foliage and thick fleshy stems covered with orange-scarlet, tubular flowers. September, October. 50 cts. each; \$5 per doz.

Veronica

Incana. 1 ft. Compact masses of silvery gray foliage and deep blue flowers. May, June.

Repens. 3 in. Carpet of evergreen foliage entirely covered in spring with very pale blue flowers.

Rupestris. 6 in. A prostrate trailer forming a thick green carpet which is almost hidden in May and June by myriads of clusters of deep blue flowers.

Spicata. 2 ft. Spikes of blue flowers. June-August.

25 cts. each; \$2.50 per doz.; \$15 per 100

Viola

Pedata (Bird's-Foot Viola). 6 in. Tufts of finely divided leaves and lilac-blue flowers. April, May. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Jersey Gem. One of the best hardy plants of recent introduction, and one that cannot be too highly praised. It possesses every good quality that a plant should have, and, as far as we know, no bad ones. Blooms freely and continuously from spring until frost, and the flowers, royal purple in color, are not affected by the sun. Its foliage is a rich, healthy green, and its habit of growth is neat and compact. In the garden it can be used for edging or massing in beds. 30 cts. each; \$3 per doz.; \$18 per 100.



Viola, Jersey Gem

WATERER'S DECIDUOUS FLOWERING SHRUBS

Whether planted individually or collectively, shrubs are an important feature in the adornment of any grounds. In such locations where they can be used as specimens, and thus allowed space for symmetrical development, their grace and beauty appear to perfection. Along borders of the lawn, on banks and slopes, along walks and drives and in corners, collections of shrubs may be gathered that will give a succession of bloom from the opening of spring until autumn.

The rich green of the summer foliage plays a greater part in landscape effect than is often realized. The autumn color which the leaves of many varieties assume sets the lawn ablaze at that season. The brilliant berries of some sorts tempt the birds to linger, and, together with the bright bark of such shrubs as some of the Dogwoods, give a tone of color even to the gray landscape of winter.

The late autumn is the ideal time to plant shrubs. The plants can usually be dug any time after the middle of October, and set out from then until the ground is frozen, which rarely happens before December in this latitude. When planted in fall they get the benefit of the early spring months in which to make roots and become established before hot weather sets in.

Althæa • Rose of Sharon

Attractive hardy shrubs with large, handsome flowers; extensively cultivated in American gardens, flowering in the late summer months—August to November—when there are but few shrubs in blossom.

Alba plena. Double; white, crimson center.

Duchesse de Brabant. Double; dark red.

Jeanne d'Arc. Double; pure white.

Lady Stanley. Double; blush-white, with crimson center.

Totus albus. Single; pure white.

Any of the above 75 cts. each; \$7.50 per doz.

Amygdalus

Flowering Almond

Hardy, free-flowering shrubs with graceful foliage and showy flowers in early spring. They are splendid garden subjects, thriving in almost any well-drained soil.

Japonica nana. Double; soft pink flowers.

Japonica nana alba. White form of above.

Either variety, 2 to 3 ft., \$1 each

Berberis • Barberry

Thunbergi (Thunberg's Japanese Barberry). An iron-clad shrub, native of Japan, of low dense habit and having thorny branches. The bright green leaves, in autumn, assume dazzling tones of orange, scarlet, and crimson. Its brilliant red berries, borne in great profusion, persist throughout the winter, and, together with the brilliant foliage, make this shrub invaluable in any planting. It thrives in almost any soil. 1½ to 2 ft., hedge plants, \$3.75 per doz.; \$27 per 100.

Thunbergi atropurpurea (New Red-leaved Japanese Barberry). This is, unquestionably, the most valuable ornamental shrub that has been offered in many years. In habit of growth and in fruiting it is identical with the popular Japanese Barberry, but its foliage, as soon as it develops in early spring, assumes a rich bronzy red color, just a trifle deeper than the color of the red Japanese Maple, and it not only retains this rich coloring from early spring until fall, but, unlike other red-leaved shrubs, this coloring becomes more intense and richer during the hot summer months. Late in the autumn it takes on the varied brilliant high colors of the ordinary Japanese Barberry but in an intensified form, followed by the same brilliant scarlet berries common to the type and which remain on the plant the entire winter.

	Each	Doz.	100
1-year-old plants.....	\$0 75	\$7 50	\$50 00
2-year-old plants.....	1 00	10 00	75 00
3-year-old plants.....	2 50	25 00	175 00

Calycanthus • Sweet Shrub

Old-fashioned shrubs of upright habit. Thrive in open or shaded places in a good, moist, loamy soil.

Floridus (Allspice; Strawberry Shrub). 2 to 3 ft. Chocolate-colored flowers of a peculiar fragrance, hiding themselves among broad, green, lustrous foliage. 75 cts. each.



Berberis Thunbergi atropurpurea. New Red-leaved Japanese Barberry

Cercis

Canadensis (Judas Tree; Red-Bud). A showy tall shrub or small tree. All the branches and twigs are covered with a mass of small rosy pink flowers before the leaves appear. 3 to 4-ft. plants, \$1 each.

Clethra

Alnifolia (Sweet Pepper Bush). Of rather low growth, with dense light green foliage. Covered in July and August with spikes of small, creamy white, delightfully fragrant flowers. Sometimes used for hedging. 75 cts. each.

Cornus

Osier; Dogwood; Cornel

Hardy and vigorous shrubs, thriving best in moist, fertile soil. In addition to the showy flowers and fruits which characterize most of the species, they are very attractive in winter on account of the brilliant color of the bark.

Alba (Siberian Red Osier). Bright, blood-red branches. Flowers creamy white in numerous flat-topped clusters. Fruit light blue. Grows 6 to 10 feet high. 3 to 4-ft. plants, 75 cts. each.

Sanguinea (Red-twigged Dogwood). A strong-growing bush, with crimson-colored branches; attractive in winter. 75 cts. each.

Deutzia

Hardy, vigorous shrubs with showy flowers. Extremely floriferous, ornamental, and of easy culture. Thrives in almost any well-drained soil.

Crenata rosea fl.-pl. (Double Pink-flowering Deutzia). Very showy white flowers with one or two rows of the side petals a rosy purple. 3 to 4 ft., 75 cts. each.

Crenata, Pride of Rochester (Large-flowered Deutzia). Very large, double white flowers. 4 to 5 ft., 75 cts. each.

Forsythia • Golden Bell

Few, if any, of the hardy spring-flowering shrubs can surpass the splendor and brilliancy of the Forsythias. Both grace and beauty are combined in all their attributes to give them rank for any station in the shrub plantation. They thrive in almost any fertile soil.

Fortunei. Strong, erect habit; bright golden yellow flowers in early spring. 75 cts. each.

Suspensa (Weeping Golden Bell). A tall shrub of willowy growth, the branches gracefully arching, covered with golden yellow bells in early spring. 75 cts. each.

Hydrangea

Grand flowering shrubs, admirably adapted for border planting, either as specimen plants or in masses. A moist, fertile soil with full or partial sun is best adapted to their requirements.

Arborescens grandiflora (Snowball Hydrangea). This new variety is one of the finest American shrubs. It is a vigorous grower with pure white flowers. Thrives best in a moist location. Large plants, 75 cts. each.

Paniculata grandiflora (Large-flowered Hydrangea). Undoubtedly one of the most popular and showy shrubs in cultivation. Flowers creamy white when fully developed, soon assuming tones of rose and bronze on the exposed sides. This shrub requires severe pruning in early spring to insure the largest flower trusses. 75 cts. each.

Philadelphus • Mock Orange

Coronarius (Common Mock Orange). A hardy, free-flowering shrub, 8 to 10 feet tall, which adds beauty, grace, and perfume to our gardens. It has a profusion of showy, fragrant white flowers in spring and early summer. Foliage light green. 3 to 4 ft., 75 cts. each.



Spiraea Thunbergi

Pyrus

Japonicus (Japan Quince). A very showy and popular shrub of medium height, which blooms profusely in early spring. Flowers dazzling scarlet. Makes an excellent hedge. 75 cts. each.

Spiraea

A large group of showy, free-flowering shrubs of inestimable value. Among them may be found those that bloom in early spring and at periods from midsummer up to frost. They thrive best in moist, fertile soil, preferring sunny exposures.

Bumalda, Anthony Waterer (Crimson Spirea). Flowers bright, rosy crimson, disposed in dense corymbs. Very floriferous all summer. 1½ to 2 ft., 75 cts. ea.

Thunbergi (Snow Garland; Thunberg's Spirea). A beautiful shrub with numerous slender branches forming a dense, feathery bush 3 to 4 feet tall. Flowers white, in early spring, covering the plant as with a mantle of snow. 2 to 3 ft., 75 cts. each.

Vanhouttei (Van Houtte's Bridal Wreath). A grand, arching shrub of garden origin 5 to 6 feet high. Leaves dark green. Flowers white in numerous umbels in late spring. 3 ft., 75 cts. each.

Syringa · Lilac

Vulgaris (Common Purple Lilac). Large, upright shrub with heart-shaped, bright green leaves. Flowers deliciously fragrant, shades of lilac-blue and purple. 3 to 4 ft., 75 cts. each.

Vulgaris alba (Common White Lilac). The old popular white variety similar to the preceding, differing only in point of color. 3 to 4 ft., 75 cts. each.

Tamarix

Africana (Tamarisk). Strong, slender, tall-growing, irregular shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefully bending branches. These pink flowers are very attractive during May. 75 cts. each.

Hispida æstivalis. A distinct variety, with delicate, soft, pink sprays of flowers in July and August, a time when the shrubby border is comparatively bare of flowers. 75 cts. each.

Viburnum**Arrow-Wood; High-Bush Cranberry**

Hardy shrubs with showy flowers and foliage. Attractive not only when in blossom, but many species produce large clusters of bright or glistening berries and the foliage assumes brilliant and intense color tones in autumn. Thrives best in moist soils in sunny locations.

Dentatum (Arrow-Wood). Handsome, bushy shrub, 8 to 12 feet tall. Leaves heart-shaped, bright green, fading with tones of rich purple and red. A profusion of flat clusters of white flowers in late spring. Berries blue-black. 2 to 3 ft., 75 cts. each.



Hedge of California Privet

HEDGE PLANTS**Barberry, Japan**

(Berberis Thunbergi)

Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep in shape. The leaves are small, light green, and toward fall assume rich, brilliant colors; the fruit or berries become scarlet and are extremely decorative on the plants all through the winter. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart. Extra-strong 3-year-old plants, 1½ to 2 feet high, \$3.75 per doz.; \$27 per 100.

Viburnum, continued

Tomentosum (Single Japanese Snowball). Leaves dark green with bronzy margins. Flowers white in flat-topped clusters. Berries red, changing to bluish black. 3 to 4 ft., 75 cts. each.

Plicatum (Japanese Snowball). The choicest of its class. Pure white, ball-shaped clusters of flowers in May. \$1 ea.

Weigela · Diervilla

Hardy, free-flowering shrubs of spreading habit, thriving best in moist, loamy soil, and producing in late spring and early summer great masses of showy flowers.

Rosea. The commonest and a favorite, with rosy pink flowers in June. 3 to 4 ft., 75 cts. each.

Rosea nana variegata (Variegated Weigela). This is a variegated form of the above, enriching the collection of the fancy-colored foliage group. It is dwarf; the leaves variegated with white. Flowers white or slightly suffused with rose. 4 ft., 75c. each.

Waterer's Two-Year-Old Asparagus Roots

Ready for shipment October 15

It requires 100 plants for a single row of 150 feet

PEDIGREED WASHINGTON. It is rust-resistant, particularly vigorous, and of wonderful quality. The shoots are large, straight, dark green in color, and with a heavy purple overtone; the tight, firm tips do not begin to open out until well out of the ground. 50 cts. per doz.; \$1.75 per 100; \$15 per 1,000.

	Doz.	100	1,000
Argenteuil.....	\$0 30	\$1 25	\$10 00
Barr's Mammoth...	30	1 25	10 00
Conover's Colossal..	30	1 25	10 00
Palmetto, or Eclipse	30	1 25	10 00

High-Grade Tools and Supplies for Garden and Greenhouse

PRICES SUBJECT TO CHANGE
WITHOUT NOTICE

FOR COMPLETE LIST SEE OUR 1928 SPRING CATALOGUE

Aprons, Rubber. To protect the clothing when watering or doing any garden or greenhouse work. Extra-heavy quality. \$3.

Baskets, Split or Chip, with handles. $\frac{1}{4}$ -bus. \$1.60 per doz.; $\frac{1}{2}$ -bus. \$1.75 per doz.; $\frac{3}{4}$ -bus. \$2.50 per doz.; 1-bus. \$3 per doz.

Baskets, Rubbish. Strong, well-made, with rope handles. 3-bus. \$4.50 each.

Bird-Houses. These are made of the very best obtainable New Jersey swamp cedar, a material which is widely known for its lasting qualities. We recommend the placing of Bird-Houses in the autumn, or during the winter or early spring; the birds seem to prefer a house that is weather-beaten to a new house, particularly if it has been painted. 85c. to \$2.75.

Boxes, Cardboard, Flower.

Size, inches	Doz.	100
16 x 4 x 3	\$0 80	\$4 80
18 x 7½ x 3½	1 15	7 20
21 x 8 x 4	1 40	8 70
24 x 5 x 3½	1 10	7 05
24 x 8 x 4	1 55	9 45
23 x 12 x 5	3 00	
28 x 8 x 5	2 40	
30 x 9 x 4	2 50	
30 x 9 x 6	3 10	
36 x 6 x 5	2 80	
36 x 8 x 5	3 00	
36 x 12 x 6	4 30	

Brooms, Stable or Road. Rattan or cocoa \$1.50 each.

Brooms, Upright. Corn \$1 each; corn and rattan \$1.20 each.

Carnation Bands, Rubber. Oz. 30 cts.; ¼ lb. \$1.

Dibbles. Just the tool for transplanting your small plants.

Brass Point. Wood handle; does not rust. \$1 each.

All Iron. Made hollow and light. 75c. ea.

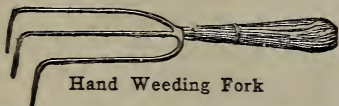
Flower-Holder. This

Flower-Holder allows for arrangement of flowers and foliage to the very best advantage, as the stems can be placed and held at any angle. It is made of metal which will not rust or corrode, and will not mar or scratch the finest bowl. Its design and weight will prevent it from upsetting. Green, silver, gold or bronze finish. Each

1. 5¼-inch diameter, ¼-inch mesh.. \$1 50
2. 4 -inch diameter, ½-inch mesh.. 1 25
3. 3¼-inch diameter, ½-inch mesh.. 1 00
4. 2¼-inch diameter, ½-inch mesh.. 75

Fruit Pickers. Made of steel wire, heavily galvanized. Can be attached to any pole. 50 cts. each.

Fumigating Lamp. Used for vaporizing of nicotine preparations. All metal. Practical and indestructible. Burns kerosene. 85 cts. each.



Hand Weeding Fork

Forks, Hand Weeding. Has three steel prongs. Fine for transplanting or loosening the soil, etc. 50 cts. each.

American Garden. 4-prong; fine quality steel; 12-in. handle. 65 cts. each.

Short Handle. 4-prong; finest malleable steel. 75 cts. each.

Manure. 4-tine; D handle, \$2.25; long handle, \$1.75.

Fork, Spading. Best grade; tines spear-pointed; handle strapped both sides. Of superior quality; very strongly made. 4-tine, D handle, \$2.25; 5-tine, D handle, \$2.75.

Glass Cutters. Steel wheel, 25 cts. Six wheels, 65 cts.

Glazing Points, Peerless. Made in three sizes: No. 1, for small single thickness glass; No. 2, for medium double thickness glass; No. 2½, for large double thickness glass. 65 cts. per 1,000, postpaid 75 cts.

Gloves. Heavy, to protect against briars, etc. Horse-hide Gauntlets. \$2 per pair. Wristband. \$1.75 per pair.

Hose, Rubber, Electric. Three-ply, non-kinkable, moulded Hose. The strength and durability of this Hose places it as the most popular on the market. ¾-in., 24 cts. per ft.

Flexo. A good-quality Hose, moderately priced; very serviceable. ¾-in., 22 cts. per ft.

Tryme. Surpasses all other grades of Hose at this price. ¾-in., 18 cts. per ft.

Spray. ¾-in., 15 cts. per ft.

No charge for couplings on length 25 ft. or longer; shorter than 25 ft., 30 cts. per set.

Hotbed Mats. For protecting hotbeds and coldframes. 1-sash, burlap, 40 x 76 in., \$2.75; 2-sash, 76 x 76 in., \$5.

Straw Mats. 1-sash, \$2; 2-sash, \$3.50.

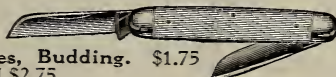
Hotbed Sash. Made of selected cypress. 3 ft. 1½ in. wide, 6 ft. long.

Plain, not glazed or painted. \$4.25 each.

Glazed, painted, puttied glass. \$8 each.

Packing charges on glazed sash, 50 cts. each.

Hyacinth Glasses. Hyacinths can be easily and successfully grown in water in glasses, giving good spikes of bloom. We have Hyacinth Glasses in four shades—Crystal, Blue, Green, and Amber. Cannot be sent by mail. 35 cts. each; \$3.50 per doz



Knives, Budding. \$1.75 and \$2.75.

Knives, Pruning, \$1.50.

3½-inch
Wired Tree Label

4 to 6-inch
Pot Label

8 to 12-inch
Garden Label

Painted Pot Labels.

Sizes	100	By P.P. per 100	1,000
4 -inch.....	\$0 35	\$0 40	\$2 25
4½-inch.....	40	45	2 75
5 -inch.....	45	50	3 00
6 -inch.....	55	60	3 50
8 -inch.....	1 60	1 70	9 00
10 -inch.....	1 75	1 90	11 00
12 -inch.....	2 25	2 50	14 00

Tree Labels, Copper-wired, Painted. 50 cts. per 100, \$3.25 per 1,000.

Simplex Weatherproof. Writing is protected by a transparent cover and will last for years if done with lead pencil. However, the pencil markings may be instantly removed with an ordinary eraser, and the label used again. Prices, including copper wires for attaching:

Sizes	Doz.	100
No. 1. 3 x ½-inch.....	\$0 50	\$2 50
No. 2. 4 x ¾-inch.....	85	5 00
No. 3. 5 x 1-inch.....	1 10	7 50



Pennsylvania Lawn-Cleaner

This hand machine will remove from the lawn not only the cut grass, but all sorts of leaves and litter, leaving the grass standing upright. It is easy to operate, and, with it, one man will do more and better work than four men with hand rakes. 24-inch rake, \$30; 36-inch rake, \$42.50.

Sweeping Brushes for the above, \$9 per set of 3, when purchased separately.



Wheelbarrow Leaf-Rack

This can be attached to any size wheelbarrow with removable sides. It is most convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can readily be taken apart, occupying but little space when not in use. Price, not including wheelbarrow, \$8.

Leaf-Rack and Truck. Excellent for gathering leaves, litter, grass, etc. Rack can be attached to a water-barrel truck. Leaf-Rack only, no truck \$8 each.

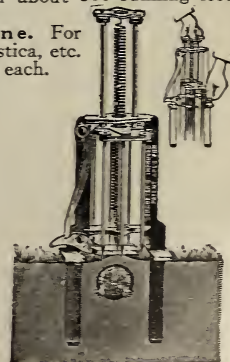
Leaf-Rack and Truck, with 3½-inch tires (steel wheels), \$25 each.

Mastica. For glazing greenhouses. One gallon will cover about 300 running feet. \$2.50 per gal.

Mastica Machine. For distributing Mastica, etc. Heavy zinc. \$3 each.



Reddick



Schroeter

Mole Traps, Reddick. \$1.25 each.

Schroeter. It has a rest on the top for a weight, also eight sharp prongs and a strong spiral spring. \$2.50 each.

HIGH-GRADE TOOLS AND GREENHOUSE SUPPLIES, continued

Paper, Celery. Rolls of 500 sq. ft., \$2.25 per roll.

Manilla. For wrapping. 24 x 36 in. ½ ream \$2.25; ream \$4.

Manilla Tissue. ½ ream \$1.15; ream \$2.

White Wax. 24 x 36-in. ½ ream \$1.75; ream \$3.25.

Green Wax. 24 x 36-in. ½ ream \$2; ream \$3.50.

Pebbles. Carefully screened and selected. Qt. 10 cts.; pk. 75 cts.; bus. \$2.50.

Plant Stands, Collapsible. Substantial, well-made Stands. 2-shelf, \$5.25; 3-shelf, \$6.25.

Pot Brackets, Iron. For one pot, 45 cts.; 2-arms, 60c.; single-arm, two pots, 75c.

Steel, for 5-inch pots, 60 cts.; 6-inch pots, 70 cts.; 7-inch pots, 80 cts.

Raffia. Tough, pliable grass for tying plants. Natural color, 40 cts. per lb.; dyed green, \$1 per lb.

Rollers, Water Ballast. Fill with water, which will weight it up to any number of pounds desired, as shown below. Equipped with feature for balancing handles, which always keeps the handle in position ready for use; ball axle bearings.

No.	Sec- tions	Diam. in.	Length in.	Weight empty	Weight with water	Price
601.....	1	14	21	70	175	\$17
602.....	1	18	24	85	265	20
603.....	1	24	24	110	420	23
604.....	1	24	32	130	565	26

Rubbish Burners for leaves, paper and rubbish. The best receptacle used for burning leaves, papers, and all kinds of rubbish. This handy Burner is a safeguard against many fires that have their origin in the burning of rubbish in the open. The Burner is extra strong, manufactured of galvanized steel wire, reinforced with heavy wire supports. Made to give life-long satisfaction. We supply this Burner in two sizes. No. 1, \$6; No. 2, \$5.50.

Saws, Pruning, Single Edge. Best spring-steel. 16-in., \$1.60; 18-in., \$1.70; 20-in., \$1.80.

Double Edge, 18-in., \$1.75; 20-in., \$1.90.

Disston Carpenter, 26-in., \$3.50; 28-in., \$4.

Buck or Wood, \$1.50.

One-Man Crosscut, 3½-ft. blade, \$3.75.

Two-Man Crosscut, 5-ft. blade, \$5.75.

Saucers. See page 37.

Scissors. For flower gathering. Finest quality imported. Cuts and holds the flowers. \$2.50 each.

Grape. For thinning out bunches of grapes. \$1.50 each.

Shears

Hedge, Finest English Steel. Solid steel blade, crucible tool-steel, tempered to hold an edge. Give good service. Shears with notch are the best for cutting heavy stems of hedge plants. With notch, 8-in. blade, \$3.25; 9-in. blade, \$3.50; 10-in. blade, \$4.25.

American. 8-in. \$2.50; 9-in., \$2.75; 10-in., \$3.

Ladies. 6-in., \$1.75.

Yeake. These Shears will not push the hedge forward but will hold it and cut it at once. They also have a tension spring to keep the blades together, consequently need little or no attention, as the spring has a tendency to keep them sharp. \$6.50 each.

French Hand-pruning. Made of good quality tool-steel; flat roller spring; works easily and cuts well; detachable blades; plain finish. Made in two sizes. 7-in., \$2.25; 8-in., \$2.50.

Hand-pruning, Wiss. Finest quality crucible tool steel; tempered to hold an edge; will not break. 10-in., \$4; 9-in., \$3.50.

Wiss No. 309. 9-in., \$2.50 each.

Wiss No. 209. 9-in., \$1.50 each.



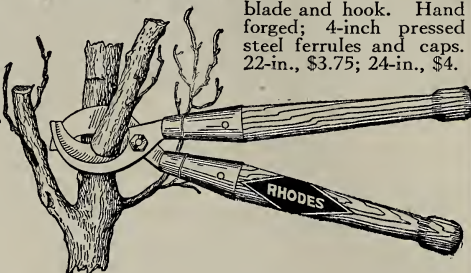
Shears, California. Crucible tool-steel blade; malleable handle; Japan finish. A very good Shear for grape-vines and shrubbery. \$1 each.

Ladies' Nickel-plated. Light, practical, handy to use on roses and shrubbery. 6-in., \$1.75 each.

Ladies' Light-weight Pruning Shears. Good quality steel. 6-in., \$1 each.

English Lopping Shear. Forged from the best quality steel. The jaws of this pruner open very wide without spreading the handles too far apart, slip onto limbs easily, and work into narrow places. 3½-in. jaw, \$6; 4-in. jaw, \$6.75.

Lopping Shears. Draw cut. Solid steel blade and hook. Hand forged; 4-inch pressed steel ferrules and caps. 22-in., \$3.75; 24-in., \$4.



Rhodes' Double-Cut Pruner

A good and powerful Pruner. Cuts from both sides of the limb, and does not bruise the bark. Long ferrules; handles do not pull out; blades are of the best forged steel. 28-in., \$5 each.

Auto Spray

This machine is one of the strongest and most simple in its parts. The pump is locked by means of sliding cam, which prevents wear, gives long service, and renders all parts instantly accessible. Reservoir holds 4 gallons, but should not be over two-thirds full of solution when ready for spraying. About two pumpings will empty the tank. It can be used in the garden for small trees and shrubs, or white-washing. Cylinders are made of both galvanized iron and brass with locked seams.



Equipment

No. 1A. Brass tank with Stop Cock... \$9 00

No. 1B. Brass Tank with Auto Pop... 9 50

No. 1C. Galvanized Tank with Stop

Cock..... 6 00

No. 1D. Galvanized Tank with Auto

Pop..... 6 50

Extension Pipes. Brass, 2-foot lengths for spraying tall shrubs and trees. 60 cts.

Copper Strainer. For straining lumpy liquids. \$1.50.

Auto-Pop Nozzle Attachment. Controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$2 each (by mail, \$2.10); complete, with hose, \$2.50 (by mail, \$2.60).

Auto Spray No. 50. Lighter weight; smaller capacity. This sturdy little machine holds about two and one-half gallons. It is entirely suitable for spraying on a smaller scale, and is particularly recommended for use where weight is a factor, as when women-folk or youngsters help out with the spraying.

No. 50B.....\$7 90

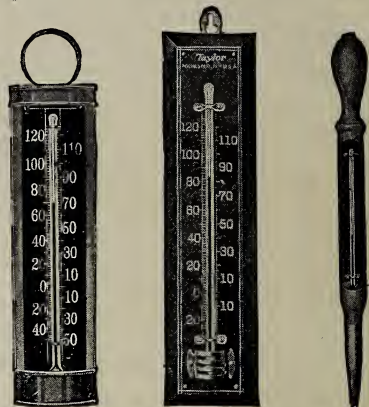
No. 50D..... 5 40

Brass Syringes. A101..... 3 75

A103..... 6 00

A110.....10 50

Sprinkler, Rubber. 8-oz., \$1.15; 10-oz., \$1.50.



Thermometers

No. 5420. Black japanned heavy tin case. For greenhouses. Black oxidized brass scale, white figures. (Spirit.) 8-in., \$1.15; 10-in., \$1.35.

No. 5400. Copper case. 10-in., \$2.90.

No. 5981, Hotbed. Wood frame, 16 inches, with point. Brass oxidized scale, white figures and graduations. Best grade, \$2.75.

No. 5120. Distance reading. Wood-back, mission finish, brass scale, white figures and graduations. (Spirit.) 8-in., \$1.75.

No. 5452, Self-Registering. Copper case, black brass scale, white figures. **Maximum and Minimum.** \$6.25 each with Magnet.

No. 5140. Black scale with white figures and graduations. Wood backs. 8-in., 75 cts.

Trowels



The Kingsbury. All one piece of solid steel. 50 cts. each.

Johnson Steel. These have one-piece steel blade and shank, equal to the imported. 5-inch....\$0 70 | 7-inch.....\$0 80

6-inch.... 75

Steel-Shank. Somewhat long in blade and handle, making a very practical tool. 6-inch blade, 85 cts. each.

American Garden. Light weight; very serviceable. 6-inch, 30 cts. each.



Transplanting. Narrow steel blade; excellent for setting bulbs, transplanting, or weeding. 7-inch, 35 cts. each.

Transplanting. Very handy for transplanting cabbage, tomatoes, etc. Solid steel shank and blade. 75 cts. each.

HIGH-GRADE TOOLS AND GREENHOUSE SUPPLIES, continued

Twine, Jute. For tying plants and vines; soft and very strong. 2 and 3-ply, ball, 25 cts.; lb. 40 cts.

Sea Island Cotton. Green. Ball, 15 cts.; lb., 85 cts.

Green Silkaline. Very largely used for tying plants and stringing smilax, asparagus, etc. Spool, 35 cts.

Tar Twine. Ball, 35 cts.

White Cotton. Medium, ball, 40c.; lb., 80c. Heavy, ball, 40 cts.; lb., 80 cts.

Cedar Tubs

Equipped with Strong Iron Drop Handles and Feet

These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

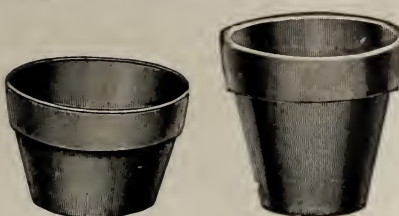
	Inside diam.	Each
No. 0.....	24 1/2 in.	\$11 50
No. 1.....	23 3/8 in.	10 50
No. 2.....	21 3/8 in.	9 50
No. 3.....	18 1/2 in.	7 50
No. 4.....	16 1/2 in.	6 50
No. 5.....	14 1/8 in.	5 75
No. 6.....	12 1/8 in.	5 00
No. 7.....	11 3/4 in.	4 25
No. 8.....	10 1/2 in.	3 75



Keystone Plant Tubs

Made of white cedar, painted green, and bound with strong electric welded wire hoops which do not rust. Handles are sold separately at 30 cts. per pair, not attached to tub.

	Inside diam.	Depth	Each
No. 5.....	10 in.	9 in.	\$0 95
No. 6.....	11 in.	10 in.	1 15
No. 7.....	12 in.	11 in.	1 30
No. 8.....	13 in.	12 in.	1 75
No. 9.....	14 in.	13 in.	1 85
No. 10.....	15 in.	14 in.	2 25
No. 11.....	16 in.	15 in.	2 35
No. 12.....	17 in.	16 in.	2 75
No. 13.....	18 in.	17 in.	3 25
No. 14.....	19 in.	18 in.	4 25



Standard Earthenware Flower Pots

Full inside measurement. Six at dozen rates; 50 at 100 rates; 500 at 1,000 rates. Earthenware Flower Pots, Bulb Pans, and Saucers cannot be sent by mail, but only by express or freight, at customer's expense.

Size	Each	Doz.	100	1,000
2 in....	\$0 02	\$0 18	\$1 02	\$9 56
2 1/4 in....	02	18	1 16	10 84
2 1/2 in....	02	18	1 35	12 75
3 in....	03	24	1 76	16 58
3 1/2 in....	03	29	2 16	20 40
4 in....	04	36	2 70	25 50
4 1/2 in....	06	49	3 65	34 43
5 in....	07	65	4 86	45 90
5 1/2 in....	08	81	6 08	57 38
6 in....	09	98	7 29	68 85
6 1/2 in....	13	130	9 72	91 80
7 in....	15	162	12 15	114 75
8 in....	22	234	17 55	165 75
9 in....	33	360	27 00	
10 in....	45	486	36 45	
11 in....	66	720	54 00	
12 in....	91	990	74 25	
14 in....	1 48	1620	121 50	

Earthenware Saucers

Size	Each	Doz.	100
4 in....	\$0 03	\$0 27	\$2 03
5 in....	04	36	2 70
6 in....	06	54	4 05
7 in....	07	72	5 40
8 in....	10	99	7 43
9 in....	14	135	10 13
10 in....	15	162	12 15
11 in....	19	198	14 85
12 in....	23	243	18 25
14 in....	37	405	30 38

Cut-Flower Vases

No.	Top Diam.	Depth	Each
65	7 1/2 in.	8 in.	\$0 65
66	8 3/4 in.	10 in.	80
67	7 3/4 in.	11 1/2 in.	90
68	8 3/4 in.	12 1/2 in.	1 10
69	8 3/4 in.	18 in.	1 30
70	9 in.	24 in.	1 75

Round Bulb or Lily Pans

Width	Each	Doz.	100
6 in.....	\$0 09	\$0 98	\$7 29
7 in.....	15	1 62	12 15
8 in.....	22	2 34	17 55
9 in.....	33	3 60	27 00
10 in.....	45	4 86	36 45
12 in.....	91	9 90	74 25
14 in.....	1 48	16 20	121 50

Rubber Saucers

Durable and waterproof.	Each	Doz.
No. 1. 4 1/2 in.....	\$0 20	\$2 25
No. 2. 5 1/2 in.....	25	2 75
No. 3. 6 1/2 in.....	30	3 25
No. 4. 7 1/2 in.....	35	4 00
No. 4A. 8 1/2 in.....	40	4 75
No. 5. 9 1/2 in.....	50	5 75
No. 6. 10 1/2 in.....	70	8 25
No. 7. 12 1/2 in.....	85	10 00

Watering Cans

Wotherspoon's. Galvanized; extra heavy, with long spout and two roses—one coarse and one fine.

Round	Oval	Round	Oval
4-qt..\$4 70	10-qt..\$6 00	\$6 50	\$6 50
6-qt.. 5 00	5 50	12-qt.. 6 25	6 75
8-qt.. 5 50	6 00	16-qt.. 7 00	7 50

Extra Roses or Sprays. For Wotherspoon Watering-Can, either coarse or fine, 60c. ea.

Light Galvanized Iron.

4-quart.....	\$1 00	10-quart.....	\$1 40
6-quart.....	1 10	12-quart.....	1 60
8-quart.....	1 25	16-quart.....	2 00

Window. Long spout. Rose, Blue, and Maroon. 2-quart, \$1 each.

Water Barrel and Truck

The price below includes barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf-rack attached. 3 1/2-inch tire Truck, all-steel wheels, with barrel, \$24 each.

Extra barrels with trunnions, open head, \$9 ea.
Truck with 3 1/2-inch tire wheels, no rack or barrel, \$17.50 each.

Wheelbarrows

GARDEN, FARM AND GREENHOUSE

Strong, well-made. The frame is seasoned hardwood painted red. Back and legs put together by joint bolts.

No. 1. 2 3/4-in. tire.....	\$9 50
No. 2. 2 3/4-in. tire.....	8 50
No. 3. 2 3/4-in. tire.....	8 00

Special Greenhouse Style. Narrow body as also is the distance between the handles. \$11 each.

Boy's. This is a very neat, well-constructed wheelbarrow. \$6 each.

STANDARD GARDENING BOOKS

For those who seek practical, worth-while advice

A WOMAN'S HARDY GARDEN. Mrs. Ely. A very popular and helpful book for the amateur, beautifully illustrated. \$2.15.

ASPARAGUS. Hexamer. Gives all details. \$1.

A LITTLE BOOK OF ANNUALS. A reliable guide through the season of annual bloom. Cloth cover \$1.75.

A LITTLE BOOK OF PERENNIALS. Devoted to the general principles of growing, using, selecting, and propagating perennials. Cloth cover \$1.75.

BULB BOOK. Tells how to handle to ensure the best success. 25 cts.

CLIMBING PLANTS. Written to answer most of the questions about suitable climbing plants and ground-covers for various purposes. Cloth cover \$2.

FERTILIZER. Voorhees. How to make and use. \$2.75.

GARDEN GUIDE (The Amateur Gardeners' Handbook). Direct, simple, and reliable information on vegetable, fruit and flower-garden, planning the home grounds, care of lawns, pruning directions, trees, shrubs, and climbers, bulbs, the rock-garden, how to propagate plants, other allied subjects too numerous for mention. Paper cover \$1; cloth cover \$1.50.

GREENHOUSE MANAGEMENT. Taft. A reliable guide on this important branch of horticulture. \$2.45.

HOME FRUIT GROWER. For the amateur who seeks to grow high-quality fruits. Cloth cover \$1.65.

MILADY'S HOUSE PLANTS. For those seeking success with plants in the home. Tells how to care for Palms, Ferns, Rubber Plants, Fuchsias, Jerusalem Cherries and scores of other popular house plants, together with advice about the best plants to grow indoors. Cloth cover \$1.

MUSHROOM CULTURE. Duggar. Mushroom culture by up-to-date methods. \$2.15.

PAGES FROM A GARDEN NOTE BOOK. Mrs. Francis King. Very instructive, entertaining, practical book on gardening. Illustrated. \$3.20.

ROSES, HOW TO GROW. Latest revised edition of this helpful, interesting book for the rose-lover. \$2.

THE BOOK OF BULBS. Pictures and text take you into the garden and show the almost limitless possibilities that bulbs offer. \$3.

Fertilizers for the Farm, Lawn, Garden and Greenhouse

Prices on Fertilizers subject to change without notice

Ashes, Hardwood. Apply 1,000 pounds per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top-dressing lawns and grass fields it is applied to best advantage either in early spring or late fall. 25 lbs. \$1; 50 lbs. \$1.75; 100 lbs. \$3; 200-lb. bbl. \$5; 1,000 lbs. \$22.50; ton, \$40.

Bone Flour. Ground perfectly fine. An excellent fertilizer for pot plants or beds where an immediate effect is wanted. 5 lbs. 50 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5; 200 lbs. \$8.50; 1,000 lbs. \$37.50.

Bone-Meal. Recommended for lawns, gardens, and greenhouses, or where a high-class fertilizer counts. Apply 800 to 1,000 pounds per acre. 3 lbs. 25 cts.; 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. \$1.40; 50 lbs. \$2.50; 100 lbs. \$4; 200 lbs. \$8; ½ ton \$37.50; ton \$70.

Cattle or Cow Manure, Shredded. For garden, lawn, and greenhouse, and especially good to mix with compost. 5 lbs. 45 cts.; 10 lbs. 70 cts.; 25 lbs. \$1.40; 50 lbs. \$2.25; 100 lbs. \$3.75; 500 lbs. \$18; 1,000 lbs. \$33; ton \$60.

Chrysanthemum Manure (Thomson's Special). Entirely soluble and very powerful. Especially suitable for top-dressing chrysanthemums and similar plants. To be used as an additional stimulant during the growing season. 28-lb. bag \$4; 56-lb. bag \$7.

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28-lb. bag \$3.75; 56-lb. bag \$6.25; 112-lb. bag \$12.

Humus. An excellent article to incorporate with poor soil in the garden, greenhouse, or in potting plants. When used in garden work, the ground should be covered with ½ to 2 inches of Humus and spaded in. 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. 90 cts.; 100 lbs. \$2.25; 500 lbs. \$10; 1,000 lbs. \$15.

Sacco stands alone in its field as the best all-round fertilizer for greenhouse plants. 1-lb. can 25 cts.; 5-lb. can 50 cts.; 10-lb. bag 85 cts.; 25-lb. bag \$1.75; 50-lb. bag \$3; 100-lb. bag \$5.

Sheep Manure. Apply 1,000 pounds per acre. One of the most extensively used of animal manures. The analysis shows it to be a perfectly balanced plant-food. 5 lbs. 45 cts.; 10 lbs. 70 cts.; 25 lbs. \$1.25; 50 lbs. \$2; 100 lbs. \$3.75; 500 lbs. \$18; 1,000 lbs. \$33; ton \$60.

Soot, Imported Scotch. This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs. 75 cts.; 10 lbs. \$1.25; 25 lbs. \$2; 112 lbs. \$6.

Stim-U-planT. A plant-food in tablet form; contains highly concentrated, immediately available forms of plant-food for use in stimulating all fruit, flower, vegetable, and ornamental plants, and may be used in tablet or in liquid form. Pkg. (30 tablets) 25 cts.; 100 tablets 75 cts.; 1,000 tablets \$3.50.

Tobacco Stems. For fumigating, mulching, and fertilizing; an excellent top-dressing for lawns in winter. In bales, 2 cts. per lb; ½ ton \$15; ton \$27.50.

Terogen

Autumn-Winter Ground Dressing

Destroys the spores of fungi of diseases. Kills the larvæ of insects, such as rose-pith borer, rose bugs, Japanese beetles, aphids and ants. A valuable fertilizer.

1-lb. tins.....	\$0 75	10-lb. tins.....	\$4 75
2-lb. tins.....	1 25	25-lb. drums.....	11 00
5-lb. tins.....	2 75	100-lb. drums.....	40 00

NOTE.—A 10-lb. tin is sufficient for one application for 30 to 50 rose bushes.

Insecticides, Etc.

Prices subject to change without notice. Directions for using any of the following will be found on each package

Ant Destroyer (McGregor's). An effective exterminator of ants, roaches, etc. ½ lb. 50 cts.; lb. \$1; 5 lbs. \$4.75; 10 lbs. \$9; 25 lbs. \$22; 100 lbs. \$80.

Aphine. The recognized standard insecticide. Not a cure-all, but a specific remedy for all sap-sucking insects infesting plant life, such as green, black, or white fly, thrips, red spider, mealy bug, and soft scales. Pt. 70 cts.; qt. \$1.15; gal. \$3.25.

Aphis Punk. A nicotine paper for fumigating. Pkg. (12 sheets) \$1; case (12 pkgs.) \$9.50.

Arsenate of Lead. (Powdered.) One to 1½ pounds dilutes to 50 gallons of water, or may be used dry, like Paris green. Lb. 50 cts.; 5 lbs. \$2.25; 10 lbs. \$4; 25 lbs. \$8.50; 50 lbs. \$16; 100 lbs. \$27.

Black-Leaf 40. A concentrated solution of nicotine for spraying. 1-oz. bottle 35 cts.; ½ lb. \$1.25; 2 lbs. \$3.50; 10 lbs. \$13.50.

Bordeaux Mixture. (Dry.) For dusting plants affected with mildew and all fungous diseases. Can be used as a spray. 1-lb. box 40 cts. (makes 5 gallons spray); 5 lbs. \$1.75.

Calcium Cyanide. A valuable insecticide for greenhouse fumigation, for destroying aphids, white fly, soft scale, thrips, etc. Also highly effective for exterminating moles, ground squirrels, field-mice, ants, etc., from the garden. Lb. 75 cts.; 5 lbs. \$3.

Copper Solution. (Liquid.) For fungus, mildew, leaf blight, rust, and black-rot. Qt. \$1.50; gal. \$4.

Kerosene Emulsion. (Liquid.) For cabbage worm, scale on trees, caterpillars, melon louse, rose bugs, green fly, and lice of all kinds. Pt. 50 cts.; qt. 85 cts.; gal. \$2.25.

Lemon Oil Co.'s Standard Insecticide. Destroys mealy bugs, scale, thrips, red spider, black and green fly, etc. ½ pt. 35 cts.; pt. 60 cts.; qt. \$1; ½ gal. \$1.75; gal. \$3; 5 gals. \$12.

Nico-Fume. (Liquid.) For use as a spray or vapor, for controlling green fly, aphids, etc., in greenhouses and outdoors. ¼ lb. 85 cts.; lb. \$2.50; 4 lbs. \$8; 8 lbs. \$15.

Nico-Fume Paper. For fumigating greenhouses; gives off dense fumes charged with nicotine. Box (24 sheets) \$1.50; 144 sheets \$5.50; 288 sheets \$10.

Nico-Fume Tobacco Powder. A tobacco powder highly charged with nicotine; splendid for fumigating greenhouses. Lb. can \$1.15; 5 lbs. \$4.25; 10 lbs. \$8.

Nikoteen. (30 per cent.) One of the very best forms of tobacco or nicotine preparations; usually diluted in water; makes a satisfactory spray as well as vapor. ½ lb. bottle \$1.35; lb. \$2.25; 4 lbs. \$7.

Paradichlorobenzene. For peach-tree borers. Lb. can 65 cts.; 5-lb. can \$2.75; 10-lb. can \$5; 25-lb. keg \$12.

Rat Corn. A very effective rat poison. Cans 25 and 50 cts. each.

Rax. The most efficient rat exterminator. Introduces a contagious disease which affects only rats. 75 cts.

Pyrox. The one best and safest all-round spray which kills all leaf-eating insects and prevents blights and all fungous troubles, without injury, on fruit trees, grape-vines, currant bushes, potatoes, cantaloupes, cucumbers, and other garden vegetables, also on rose bushes, shrubbery, etc. It is a creamy paste which looks like paint and "sticks like paint." It needs only to be mixed with cold water and it is ready to apply. Once tried, always used. Lb. 50 cts.; 5 lbs. \$2; 10 lbs. \$3.50; 25 lbs. \$7; 50 lbs. \$12.50; 100 lbs. \$21; 300 lbs. \$58.50.

Scale Destroyer, Target Brand. Qt. 60 cts.; gal. \$1.50.

Scalecide. Used for the destruction of the San José scale. Spray during the winter or early spring when the trees are dormant. Qt. 75 cts.; gal. \$1.75; 5 gals. \$6.25; 10 gals. \$10.75; 30 gals. \$26; 50 gals. \$38.

Slug Shot, Hammond's. One of the cheapest and best powders for destroying insects. 1-lb. canister 20 cts.; 5 lbs. 60 cts.; 10 lbs. \$1.20; 25 lbs. \$2.75.

Sulphur, Powdered. For mildew. Lb. 10 cts.; 5 lbs. 45 cts.; 10 lbs. 85 cts.; 25 lbs. \$2; 100 lbs. \$7.50.

Sunoco Spray Oil. For the control of aphids, psylla, red spider, scale, etc. 1 gal. \$1.50; 5 gals. \$5.75.

Tobacco Dust, Stothoff's. For burning or dusting; state which is wanted. Lb. 10 cts.; 5 lbs. 45 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$6.

Tree Paint. Qt. 85 cts.; gal. \$2.50.

Volck. One of the most powerful insecticides known. It is effective on practically all insects. Pt. 70 cts.; qt. \$1; gal. \$3; 5 gals. \$12.

Wilson's O. K. Plant Spray. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc., for inside and outside spraying. Qt. \$1.25; gal. \$3.25.

Sundries

Bulb Fibre. This is a prepared fibre containing all the ingredients for producing blooms from bulbs indoors. It can be used for any dish, as it does not require drainage. Qt. 15 cts.; ½ pk. 45 cts.; pk. 75 cts.; ½ bus. \$1.25; bus. \$2.

Charcoal, Lump. For use in potting. Pk. 65 cts.; bus. \$1.50; bbl. sack \$2.50.

Hay, Salt. For protecting plants in winter. 2 cts. per lb.

Leaf Mold. Pk. 50 cts.; bus. \$1.50; bbl. \$3.25.

Lawn Mower Oil. Pt. 25 cts.; qt. 35 cts.; ½ gal. 65 cts.; gal. \$1.10; 5 gals. \$4.25.

Orchid Peat. Selected. Sack \$3.25.

Jersey Peat. Bbl. \$3.25.

Sphagnum Moss, Dry. 5-bbl. bale \$4.50.

Sphagnum Moss, Live. Bbl. \$3.25.

Moss, Green Lump. Bbl. \$3.25.

Moss, Green Sheet. Sack \$3.50.

Propagating Sand. Bbl. \$3.

Pebbles. Qt. 10 cts.; pk. 75 cts.; bus. \$2.50; bbl. sack \$5.

Soil for Potting. Pk. 40 cts.; bus. \$1.50; bbl. \$3.25.



HOSEA WATERER

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Sow Waterer's Grass Seed Mixtures for Lawns and Pleasure Grounds this Fall

The fall season, from August 15 to October 15, is the best time to sow Lawn Grass Seed. The fall rains hasten germination and enable the roots to become well established before freezing weather sets in. Growth is resumed with the first thaws of early spring and the roots are strengthened, while seed sown in the spring is just undergoing germination. A lawn grown in this way will endure summer droughts better than a spring-sown lawn. One quart is sufficient for 100 square feet, 4 to 5 bushels for an acre; for renovating old lawns, about half that quantity.

HOW TO MAKE A LAWN

To produce a good lawn requires considerable work; do not make the mistake of trying to cheapen the preparation, for nowhere in the garden is the old axiom of "What is worth doing, is worth doing well," better illustrated.

The soil must be deep; a good lawn cannot exist on thin soil. Plow the ground deeply—a foot is none too much. Apply to the soil before plowing, a heavy coating of well-rotted stable manure. Fresh manure carries too many weed-seeds; its use should be avoided. A lawn will not thrive on sour soil; lime the ground after plowing, using 2 tons of ground limestone to the acre. If manure is not available, sheep manure or chemical manures may be substituted.

Ground bone-meal, 800 pounds to the acre, is a good lawn fertilizer, furnishing plant-food over a long period; 100 pounds of nitrate of soda and 100 pounds of dried blood to the acre should be applied at the same time; these furnish nitrogen for immediate use. Sheep manure at the rate of 1,000 pounds to the acre may be used instead of nitrate of soda and dried blood. When only a small lawn is being made, use 20 pounds of bone-meal to 250 square feet, $\frac{1}{2}$ pound each of nitrate of soda and dried blood, or 6 pounds of sheep manure. Harrow and cross-harrow until the ground is thoroughly pulverized; the better harrowed the ground is, the better the grass will grow and the more permanent the lawn.

If Grass Seed is wanted by parcel post, please add for postage at your zone rate (see page 3).

Waterer's "Best" Lawn Grass Mixture

An exceptionally fine mixture of the best American and European grasses adapted to lawn-making. They are all of dwarf spreading growth and deep rooted, forming a close, velvety surface which will withstand the intense heat of summer. Highly recommended. Pt. 30 cts.; qt. 50 cts.; pk. \$3.25; bus. (20 lbs.) \$12.

WATERER'S SPECIAL EVERGREEN LAWN MIXTURE. A combination, in proper proportions, of the best natural lawn grasses, that will produce a continuous good lawn from early spring until late, and the ingredients are the highest grade of re-cleaned seeds only. Pt. 25 cts.; qt. 45 cts.; pk. \$2.75; bus. (20 lbs.) \$10.

WATERER'S POPULAR EVERGREEN LAWN MIXTURE. In this mixture the quantities of some of the more expensive grasses are reduced or left out. Produces a thick turf, well adapted to hard usage. Pt. 20 cts.; qt. 35 cts.; pk. \$2.15; bus. (20 lbs.) \$8.

WATERER'S MIXTURE FOR SHADY PLACES. A mixture of grasses best adapted for sowing in shady places, where other grasses will not thrive. Pt. 25c.; qt. 45c.; pk. \$2.75; bus. (20 lbs.) \$10.

WATERER'S TERRACE MIXTURE. A special mixture of grasses best suited for sowing on terraces and side-hills—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out, that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, green turf throughout the season. Pt. 25 cts.; qt. 45 cts.; pk. \$2.75; bus. (20 lbs.) \$10.

White Dutch Clover Seed

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb. 85 cts.; 5 lbs. \$4; 10 lbs. \$7.75; bus. (60 lbs.) \$45.

Waterer's Permanent Pasture and Hay Mixture

A mixture of varieties which will form a permanent pasture that lasts for years. Sow on new land which has been plowed and harrowed, at the rate of 60 pounds per acre; on ground partly covered, about 30 pounds per acre. Pk. \$1.75; bus. (20 lbs.) \$6.50.



COLLECTION No. 3

These seven varieties of Darwin, Breeder, and Cottage Tulips are shown in natural colors at the top of this page. The collection of 50 bulbs of each variety will make a most gorgeous garden display.

Bronze Queen. Golden bronze; extra large. 28 in.

Centenaire. Violet-rose, with bluish base. 30 in.

King Harold. Ruby-crimson with distinct black center. 24 in.

Le Reve (Hobbema). Salmon-pink, shaded lilac. 14 in.

Marconi. Deep purple, changing to lighter purple. 27 in.

Mrs. Moon. Rich orange-yellow. 25 in.

Princess Elizabeth. Deep pink flower shaped like a rose-bud. 26 in.

5 bulbs of each (35 bulbs) \$2 25
10 bulbs of each (70 bulbs) 4 00

25 bulbs of each (175 bulbs) \$9 00
50 bulbs of each (350 bulbs) 17 00

WATERER'S BULBS



AUTUMN, 1928

HOSEA WATERER, *Seedsman and Bulb Importer*

714 Chestnut Street, PHILADELPHIA, PA.